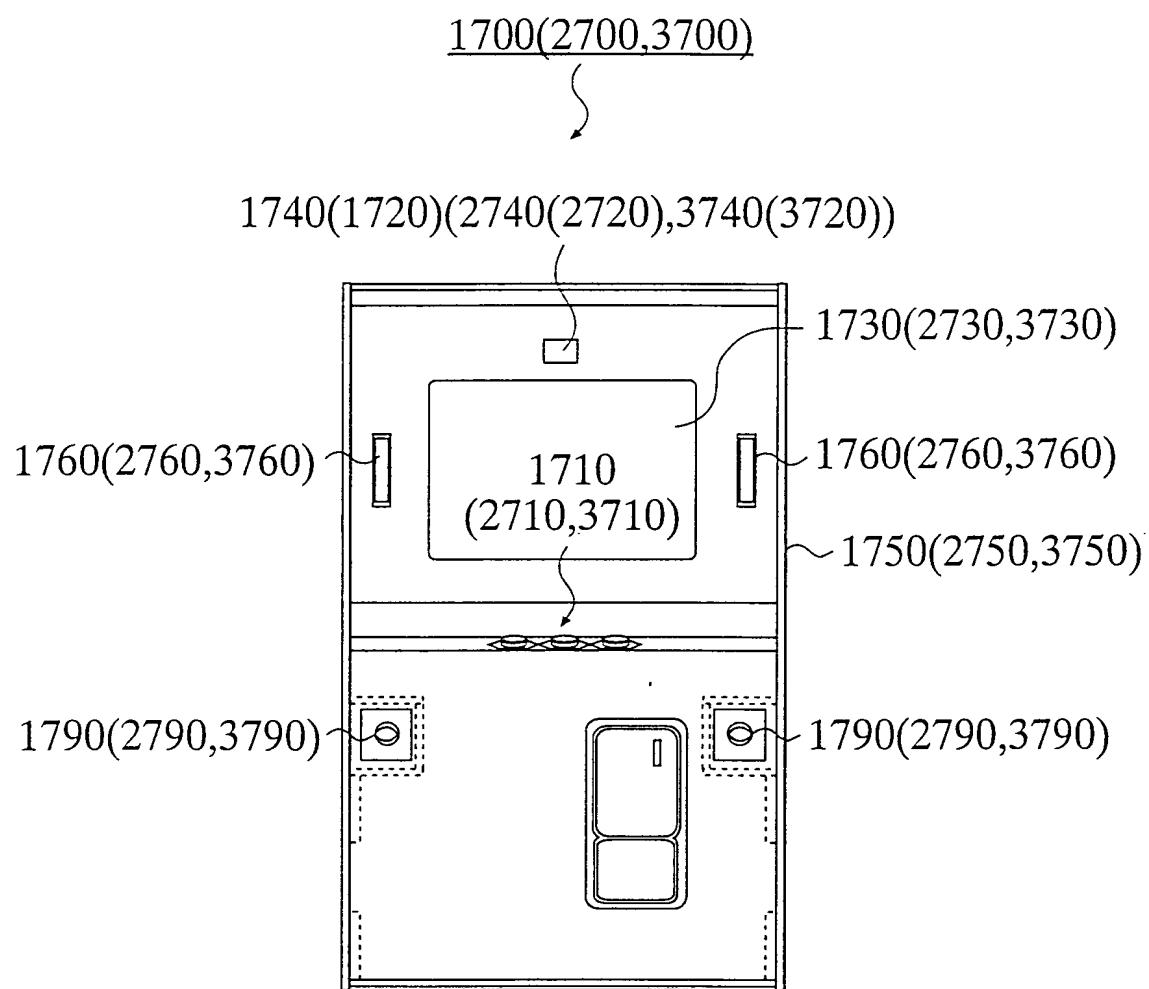
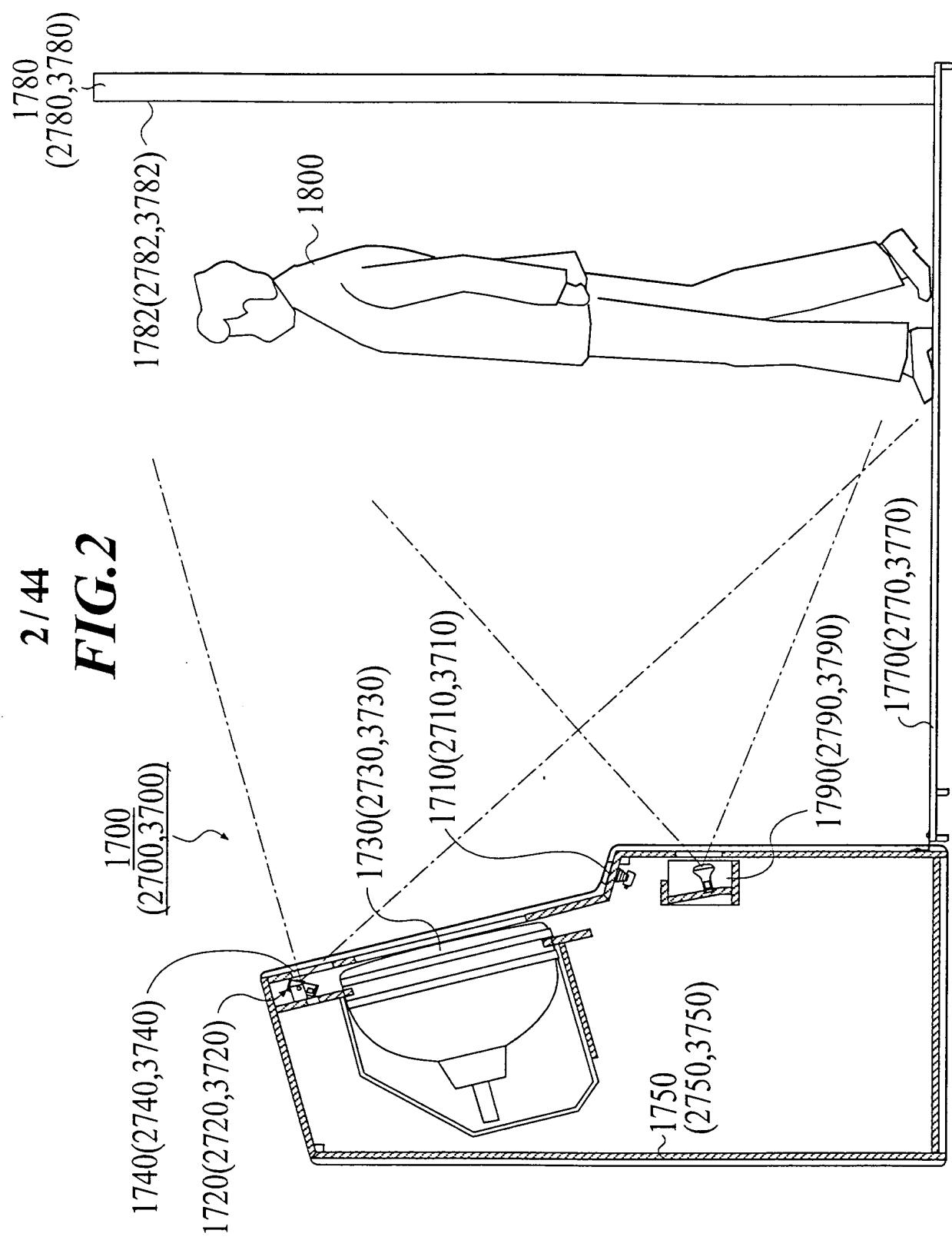


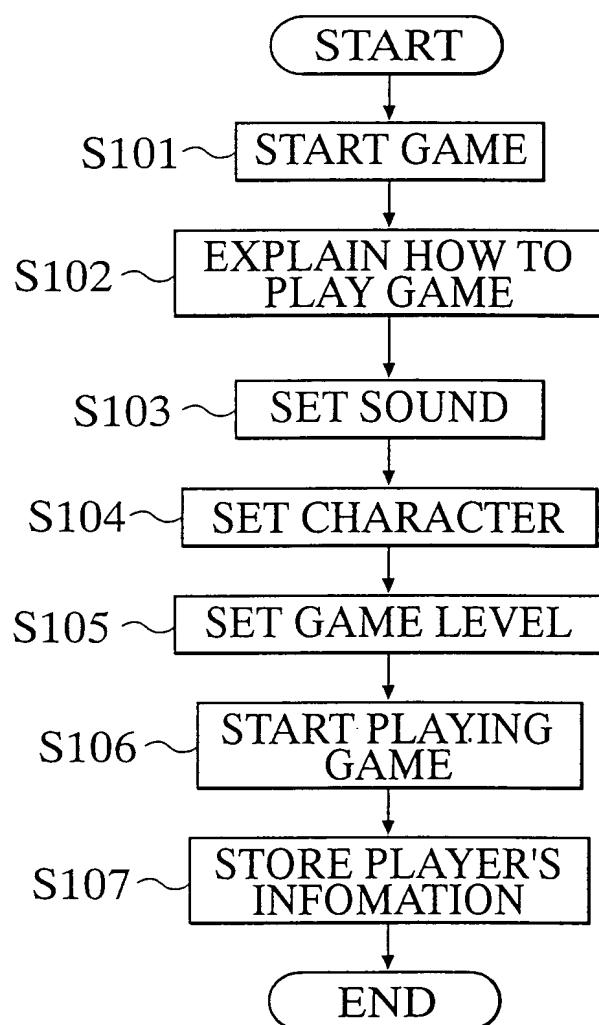
**1/44**  
**FIG.1**



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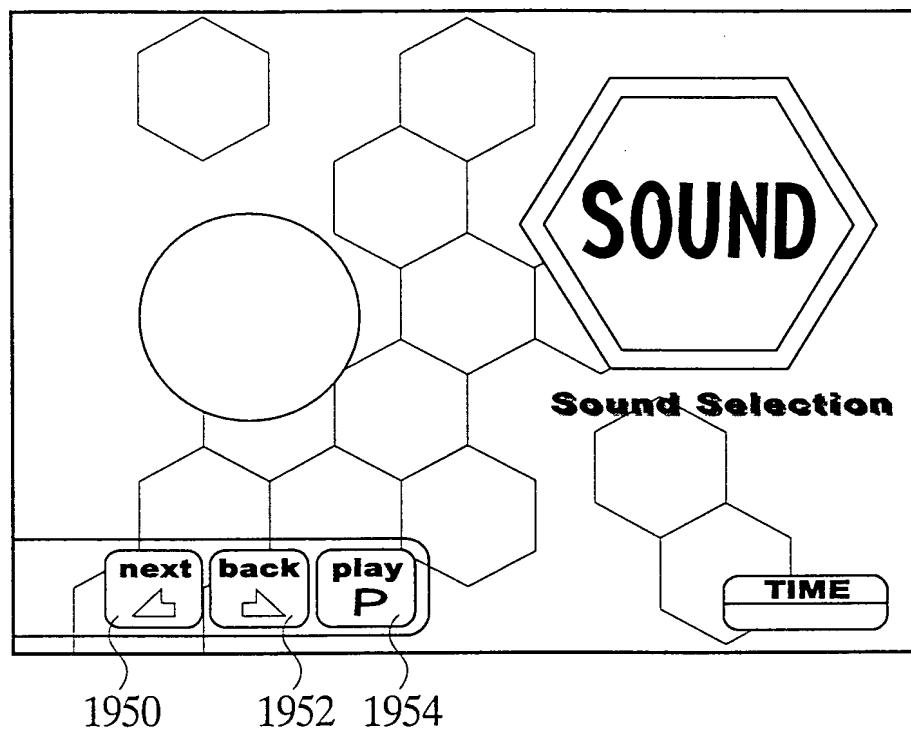
**FIG. 2**



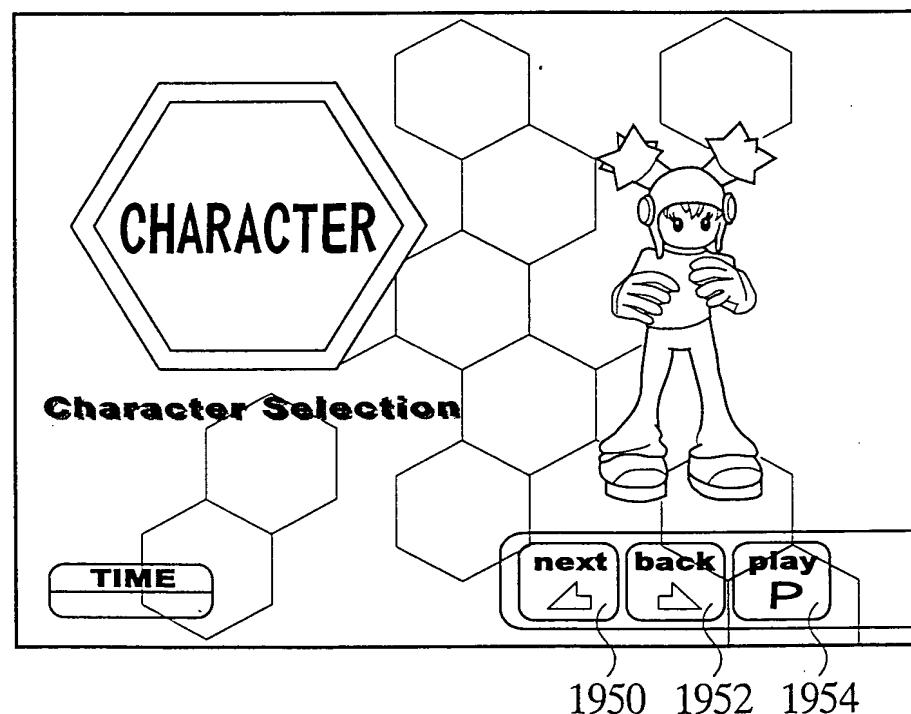


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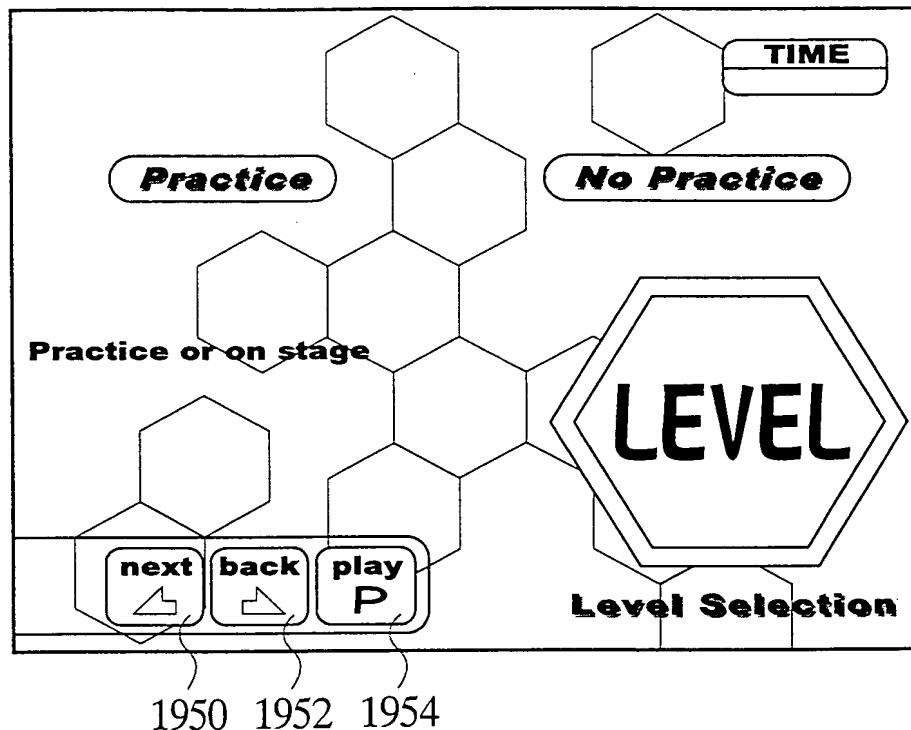
*FIG.4*



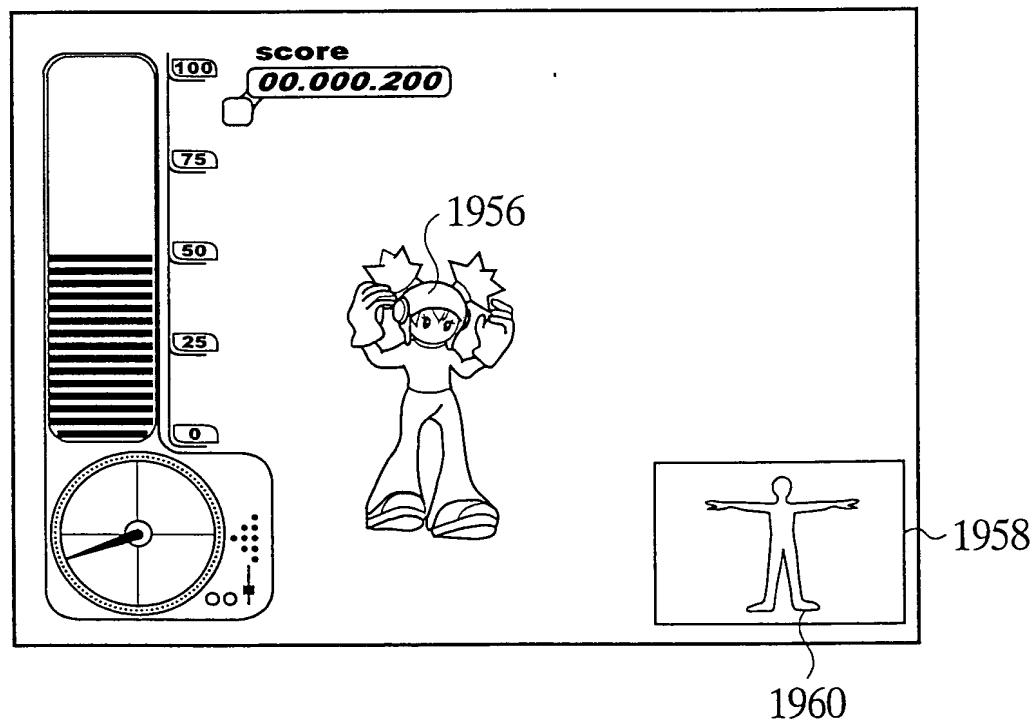
*FIG.5*



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**FIG.6**

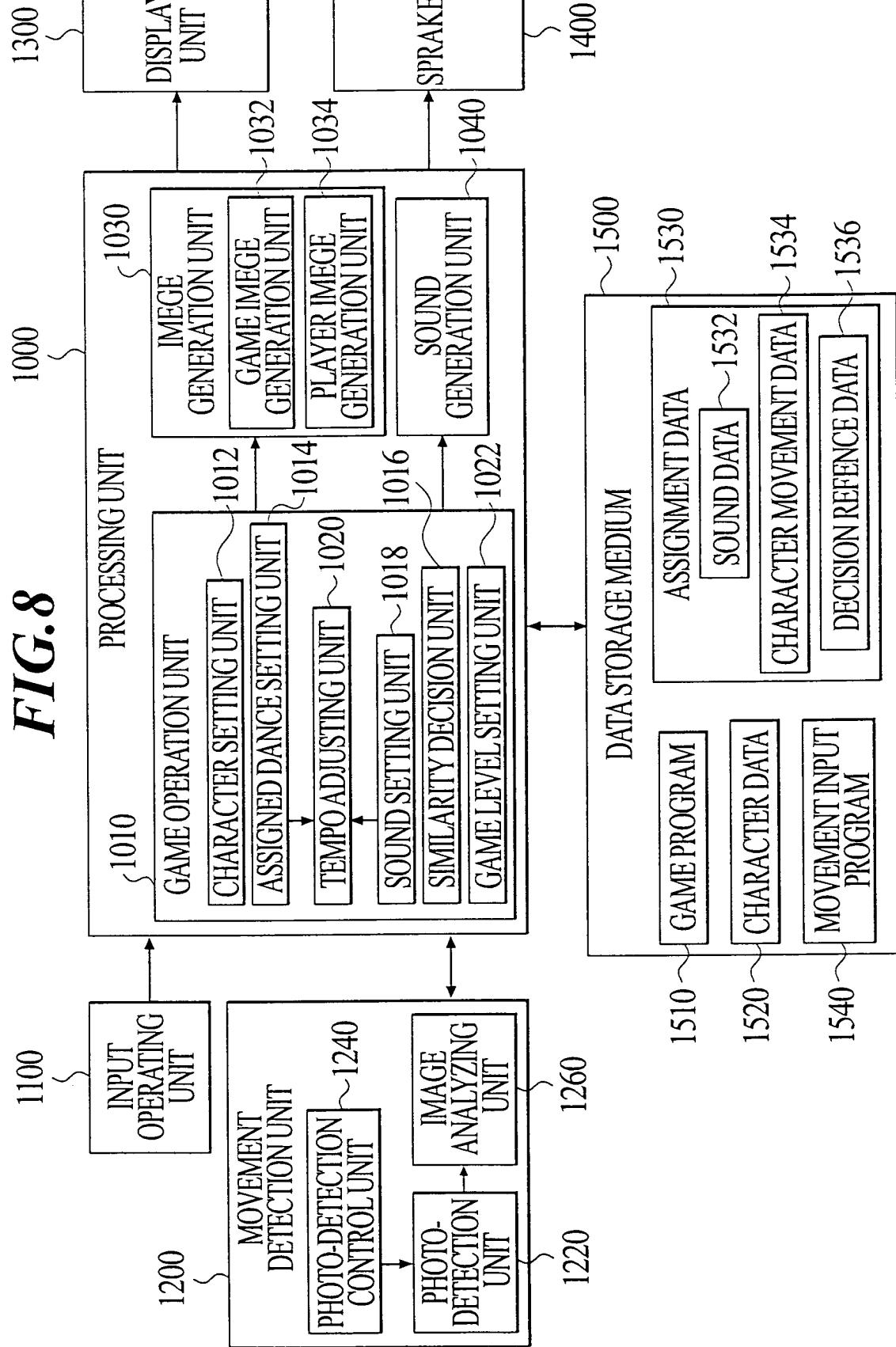


**FIG.7**



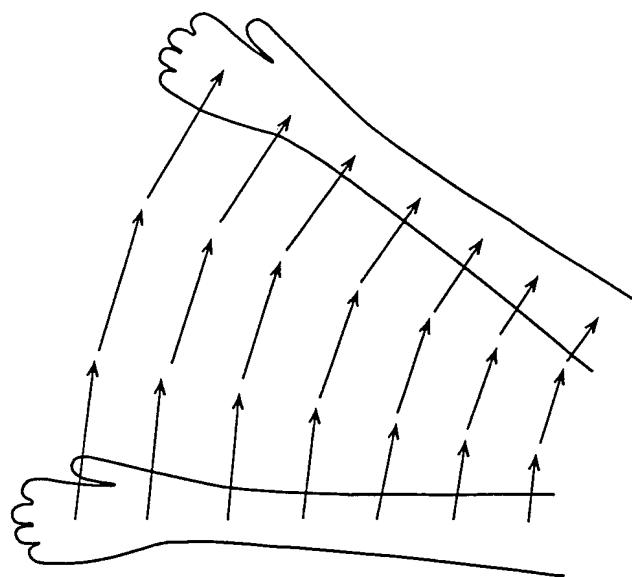
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**FIG. 8**



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**FIG.9**



**FIG.10**

	DIRECTION	MAGNITUDE	SPEED
PLAYER'S MOVEMENT	$\alpha 1$	$\beta 1$	$\gamma 1$

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**FIG.11**

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(DIRECTION  $\alpha$ , MAGNITUDE  $\beta$ , SPEED  $\gamma$ )

DECISION REFERENCE DATA

	t1	t2	t3	...
DANCE 1	PART a ( $\alpha 11, \beta 11, \gamma 11$ )	( $\alpha 12, \beta 12, \gamma 12$ )	( $\alpha 13, \beta 13, \gamma 13$ )	...
	PART b ( $\alpha 21, \beta 21, \gamma 21$ )	( $\alpha 22, \beta 22, \gamma 22$ )	( $\alpha 23, \beta 23, \gamma 23$ )	...
	:	:	:	...
DANCE 2	PART a ( $\alpha 11', \beta 11', \gamma 11'$ )	( $\alpha 12', \beta 12', \gamma 12'$ )	( $\alpha 13', \beta 13', \gamma 13'$ )	...
	PART b ( $\alpha 21', \beta 21', \gamma 21'$ )	( $\alpha 22', \beta 22', \gamma 22'$ )	( $\alpha 23', \beta 23', \gamma 23'$ )	...
	:	:	:	...

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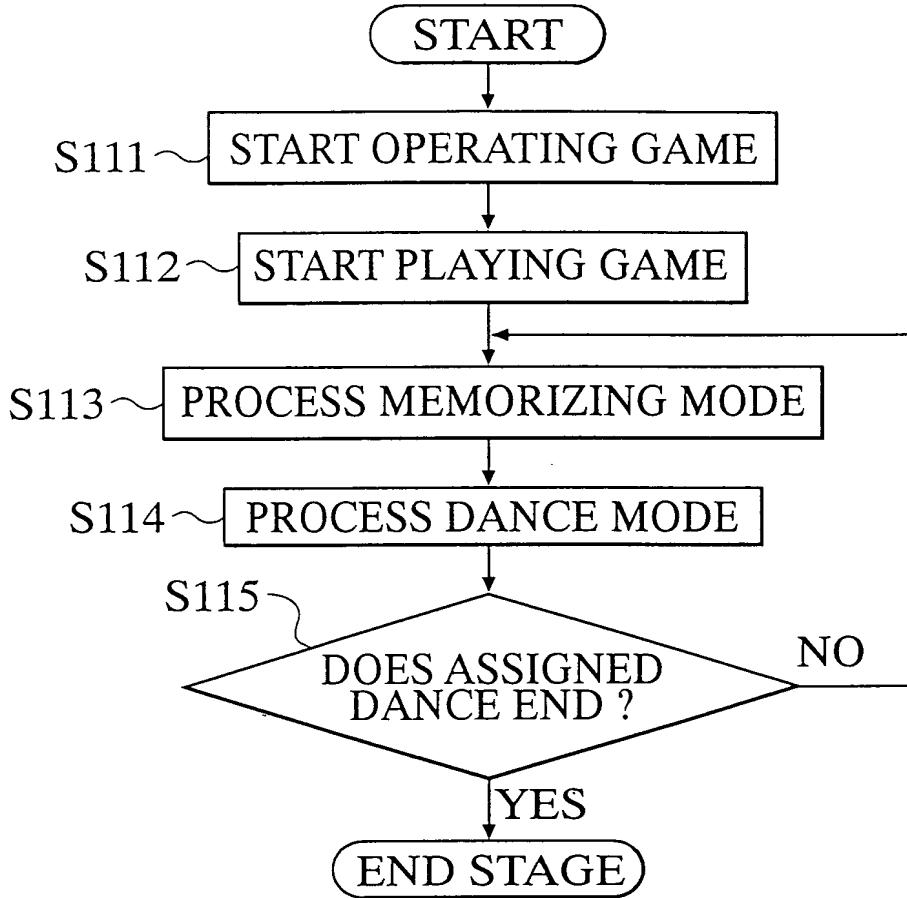
**FIG.12**

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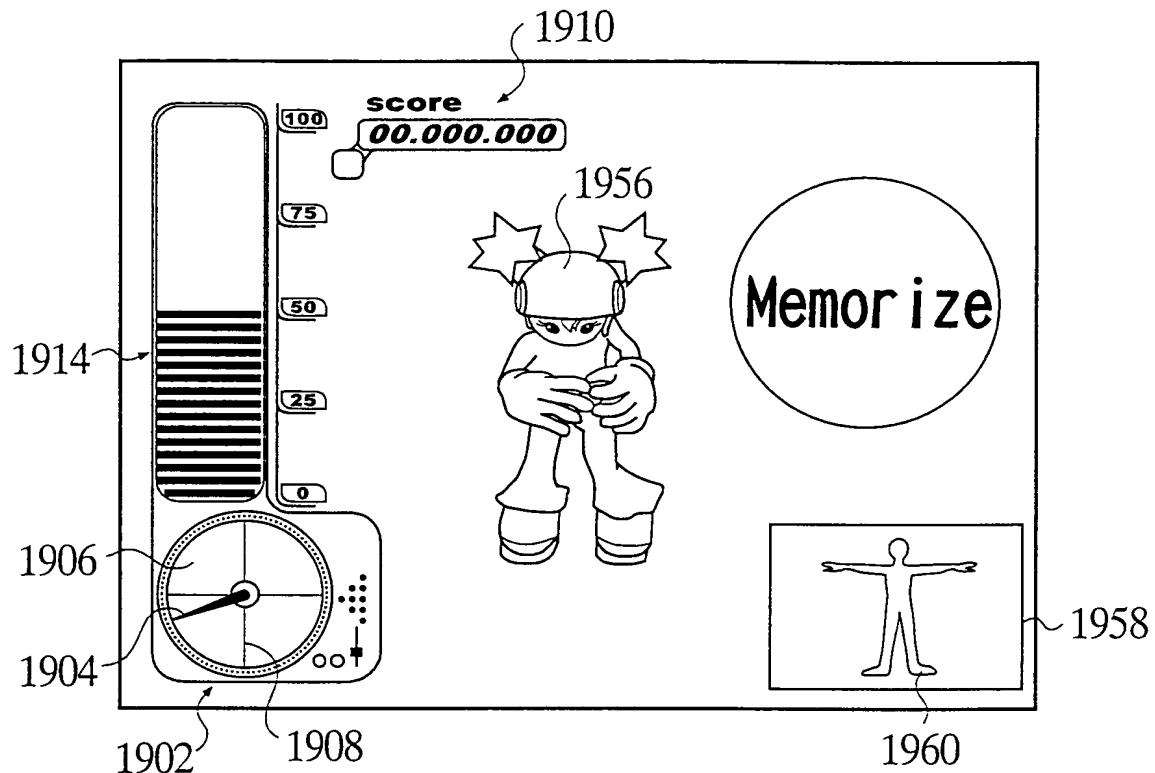
(COORDINATES:X,Y,Z)

		POSITION DATA		
DANCE 1		FRAME 1	FRAME 2	FRAME 3
A	PART a	(Xa1,Ya1,Za1)	(Xa2,Ya2,Za2)	(Xa3,Ya3,Za3)
	PART b	(Xb1,Yb1,Zb1)	(Xb2,Yb2,Zb2)	(Xb3,Yb3,Zb3)
	PART c	(Xc1,Yc1,Zc1)	(Xc2,Yc2,Zc2)	(Xc3,Yc3,Zc3)
	:	:	:	:
B	PART a	(Xa1',Ya1',Za1')	(Xa2',Ya2',Za2')	(Xa3',Ya3',Za3')
	PART b	(Xb1',Yb1',Zb1')	(Xb2',Yb2',Zb2')	(Xb3',Yb3',Zb3')
	PART c	(Xc1',Yc1',Zc1')	(Xc2',Yc2',Zc2')	(Xc3',Yc3',Zc3')
	:	:	:	:

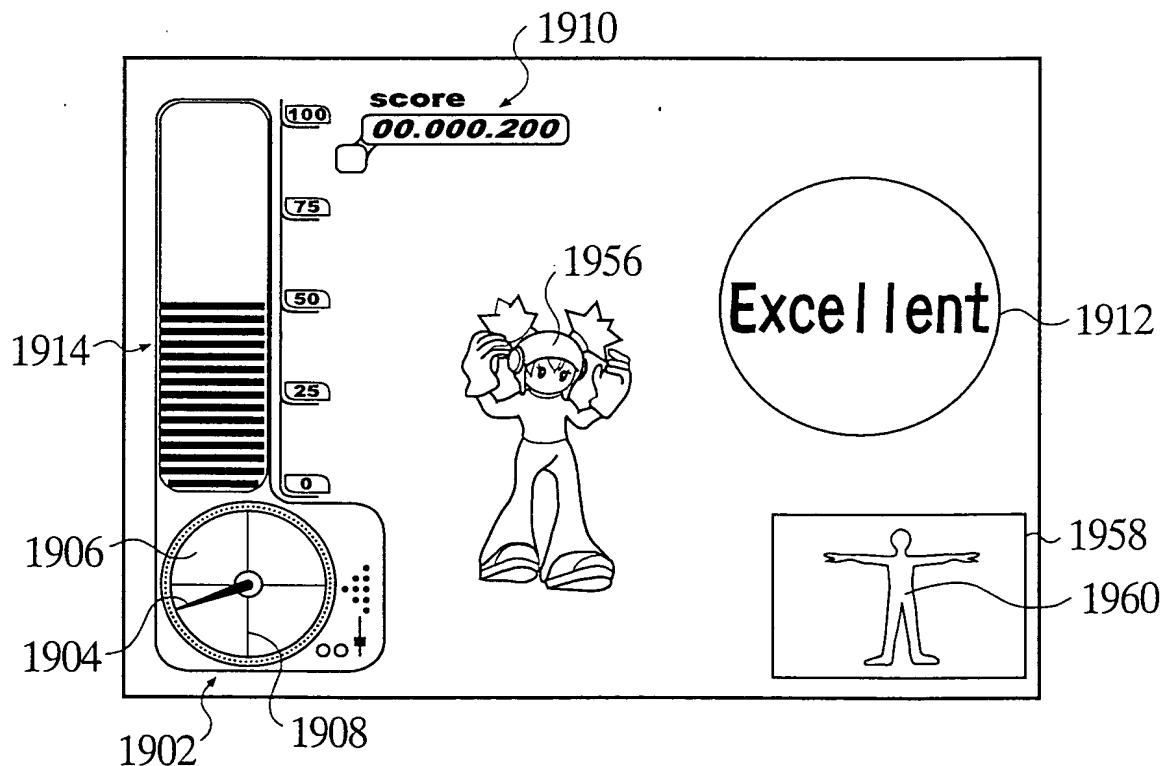
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**FIG.13**



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**FIG.14**

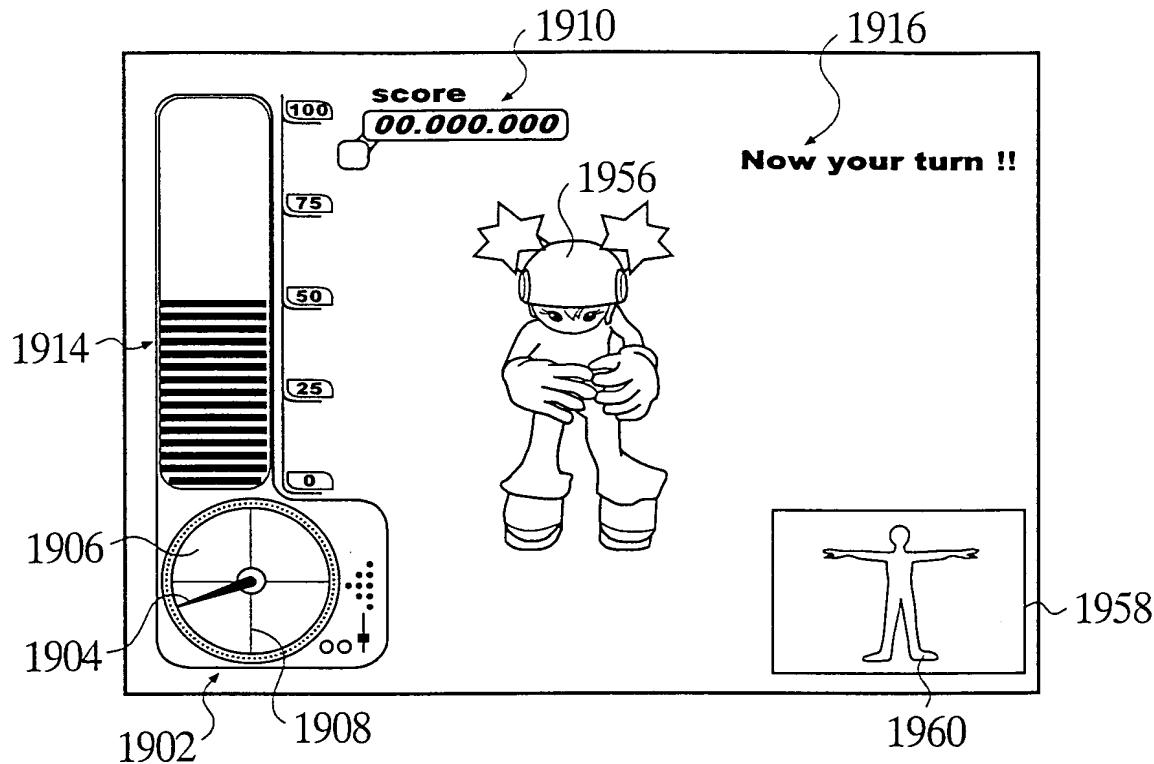


**FIG.15**

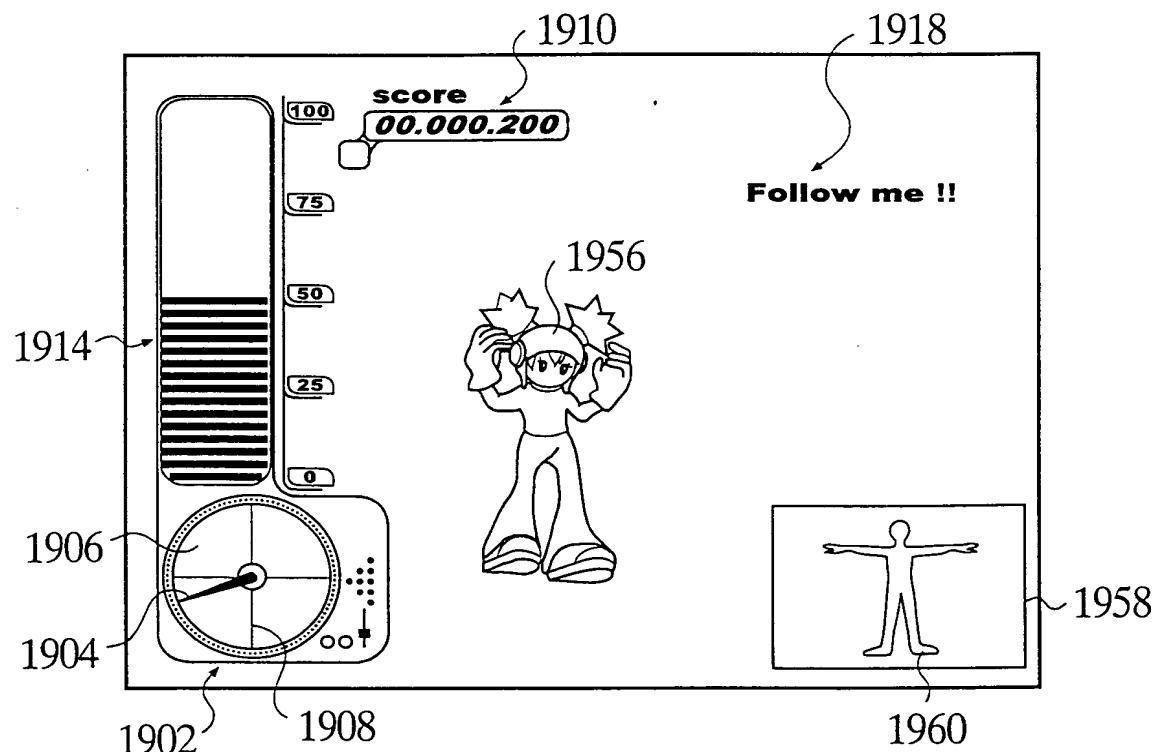


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**FIG.16**

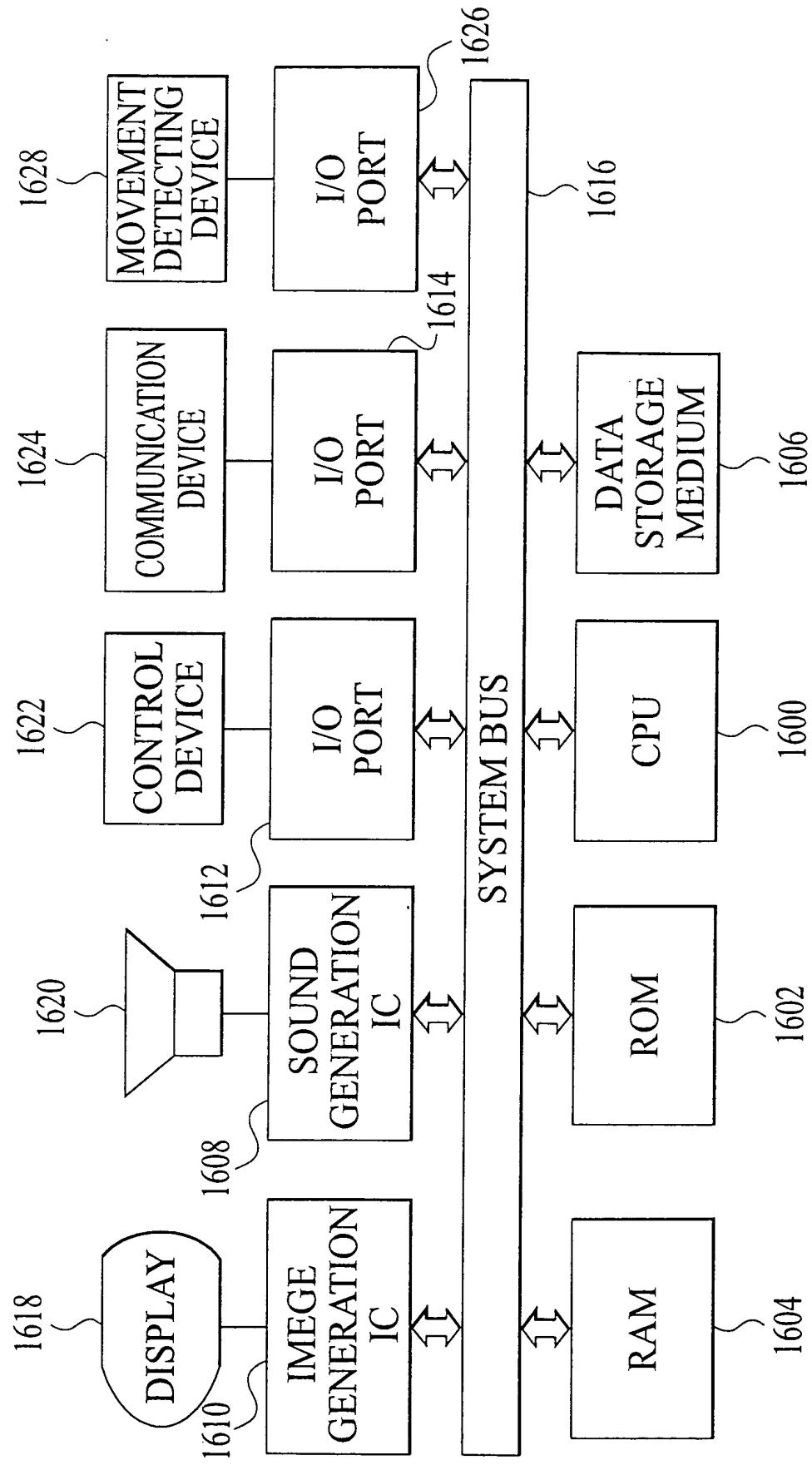


**FIG.17**

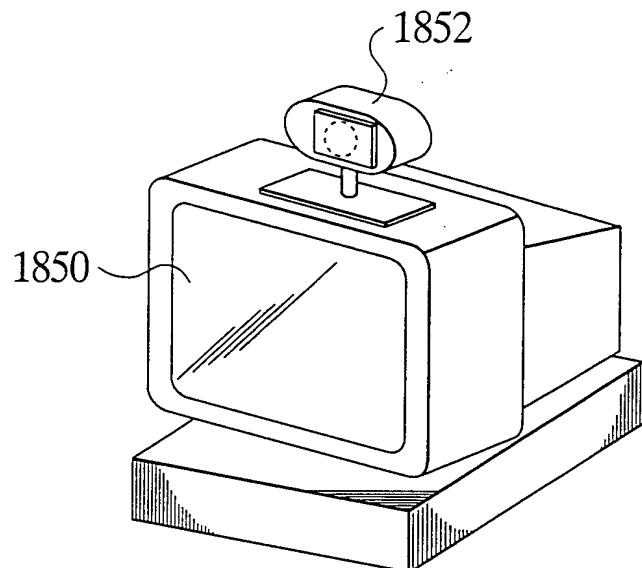


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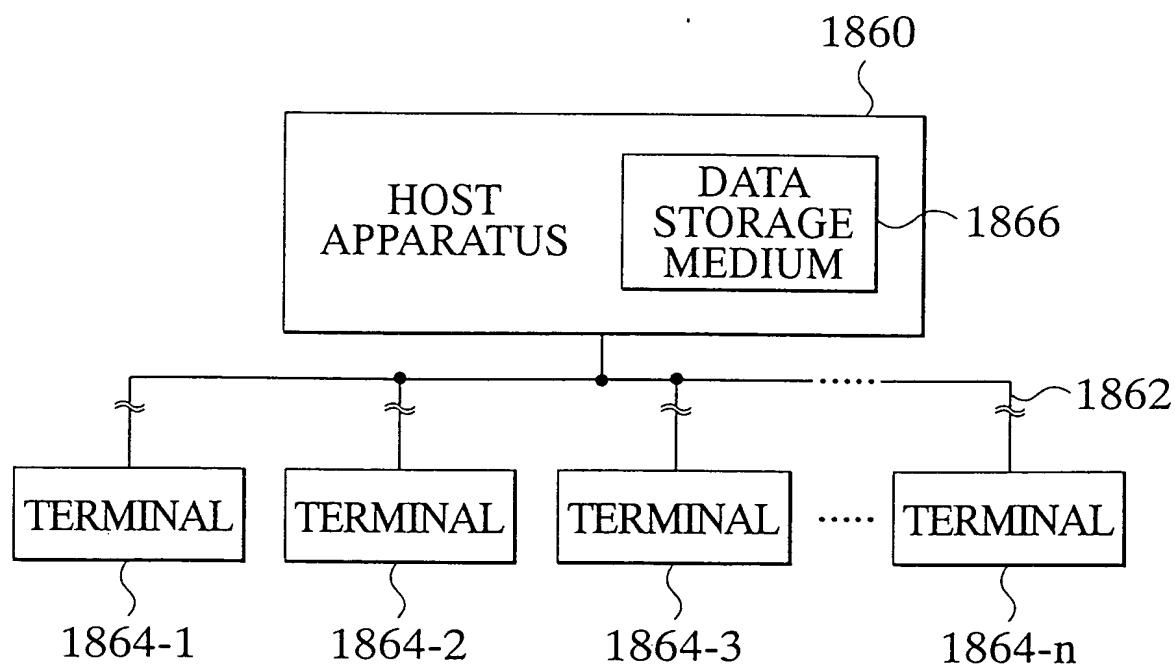
**FIG.18**



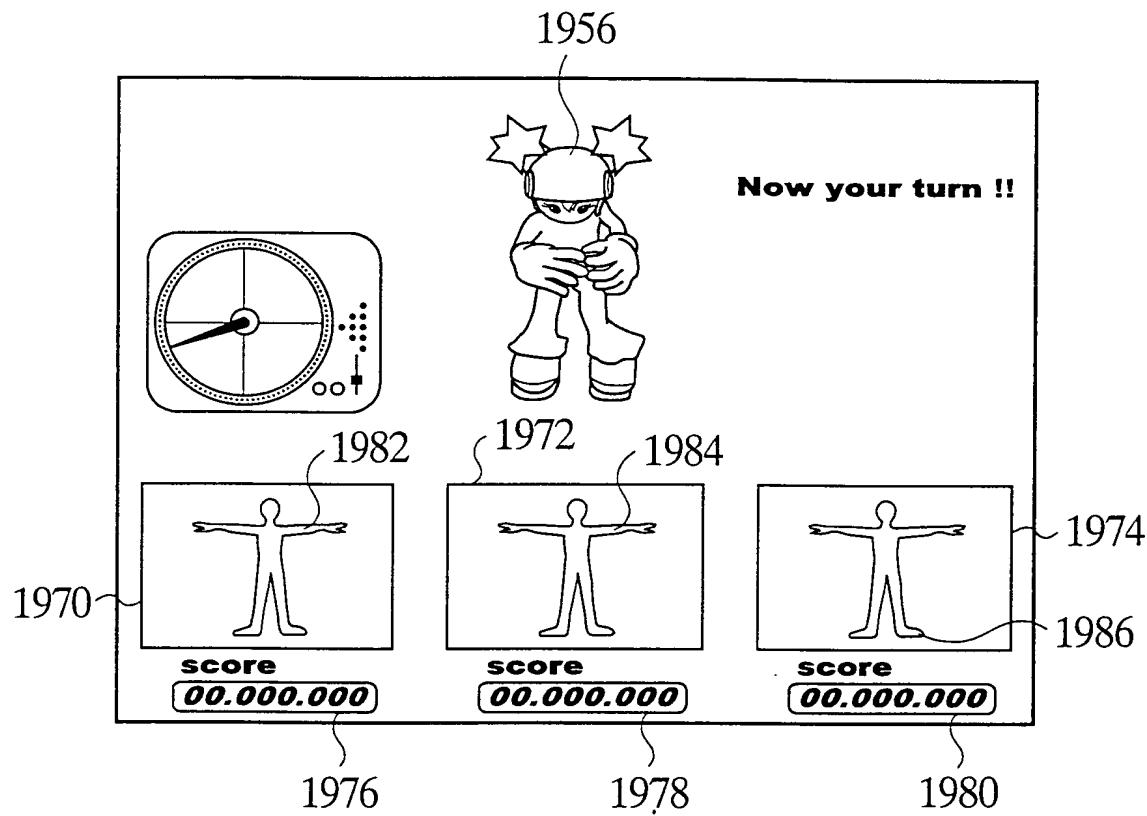
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***FIG.19A***



***FIG.19B***

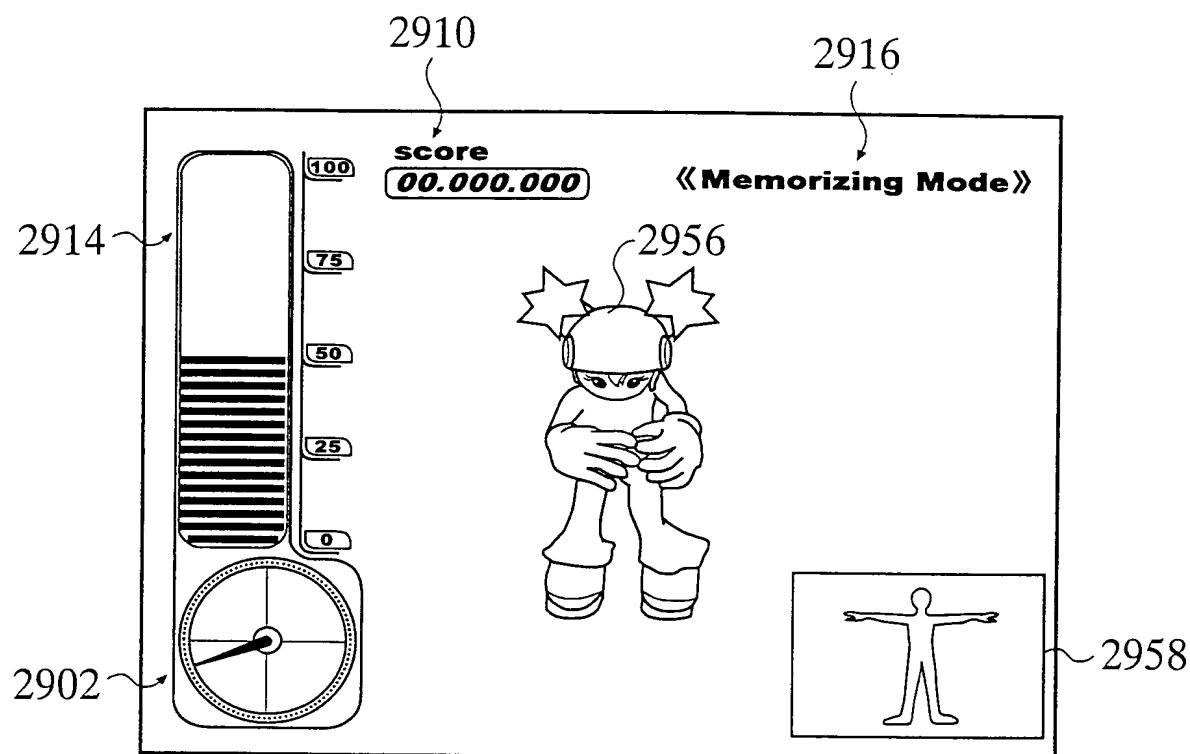


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**FIG.20**

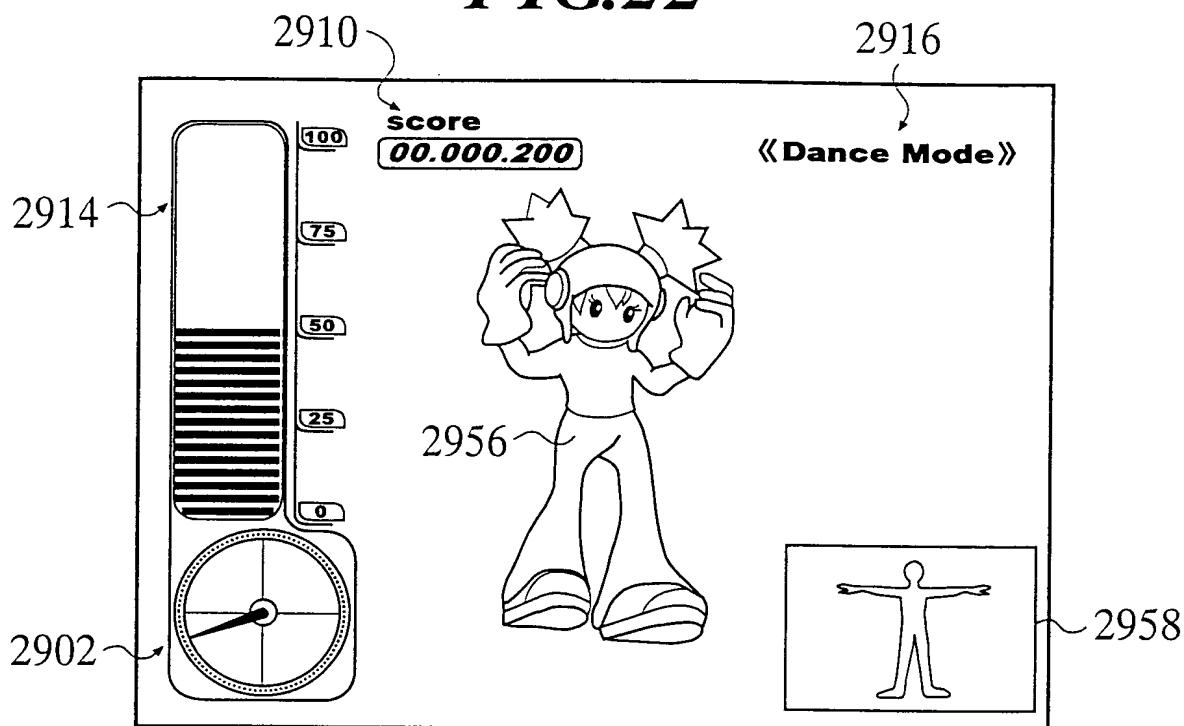


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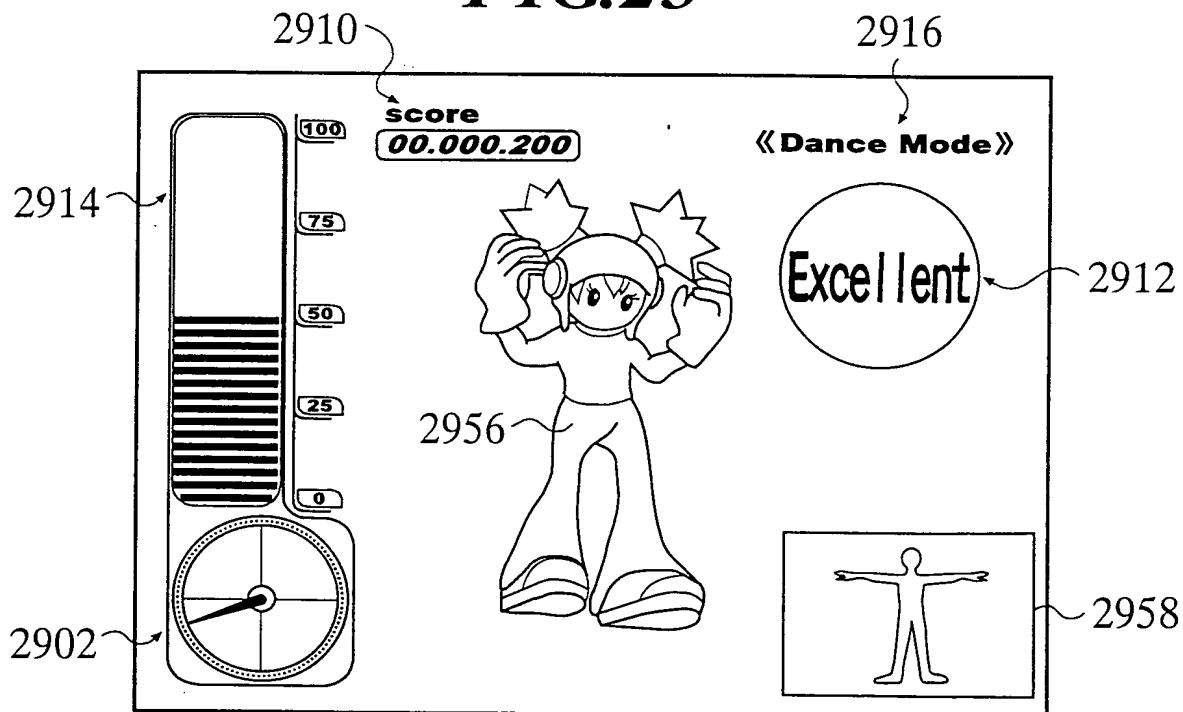
*FIG.21*



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**FIG.22**

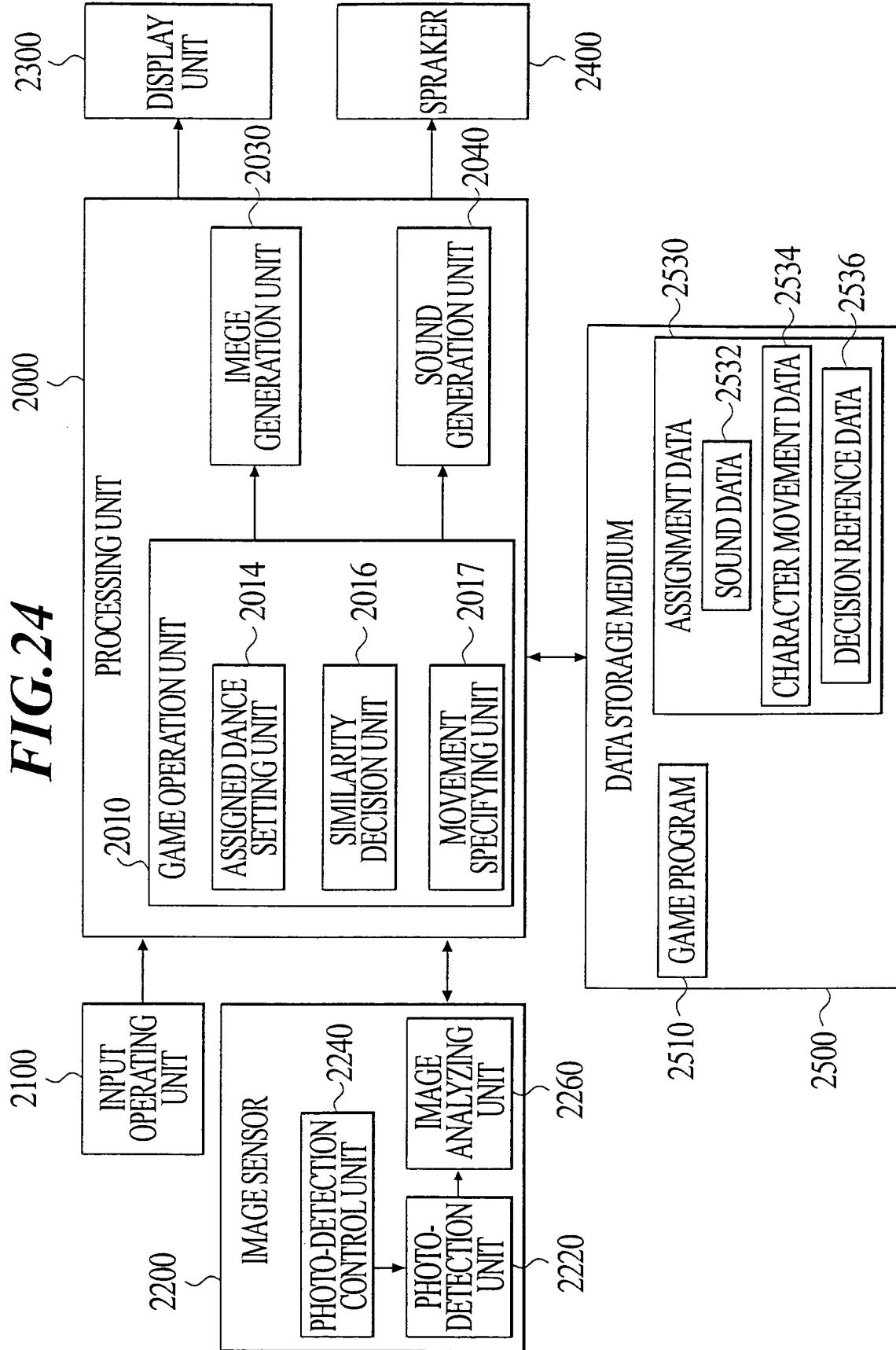


**FIG.23**



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**FIG. 24**



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**FIG.25**

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(COORDINATES:X,Y,Z)

		POSITION DATA		
		FRAME 1	FRAME 2	FRAME 3
DANCE 1	PART a	(Xa1,Ya1,Za1)	(Xa2,Ya2,Za2)	(Xa3,Ya3,Za3)
	PART b	(Xb1,Yb1,Zb1)	(Xb2,Yb2,Zb2)	(Xb3,Yb3,Zb3)
	PART c	(Xc1,Yc1,Zc1)	(Xc2,Yc2,Zc2)	(Xc3,Yc3,Zc3)
	:	:	:	:
DANCE 2	PART a	(Xa1',Ya1',Za1')	(Xa2',Ya2',Za2')	(Xa3',Ya3',Za3')
	PART b	(Xb1',Yb1',Zb1')	(Xb2',Yb2',Zb2')	(Xb3',Yb3',Zb3')
	PART c	(Xc1',Yc1',Zc1')	(Xc2',Yc2',Zc2')	(Xc3',Yc3',Zc3')
	:	:	:	:

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## FIG. 26

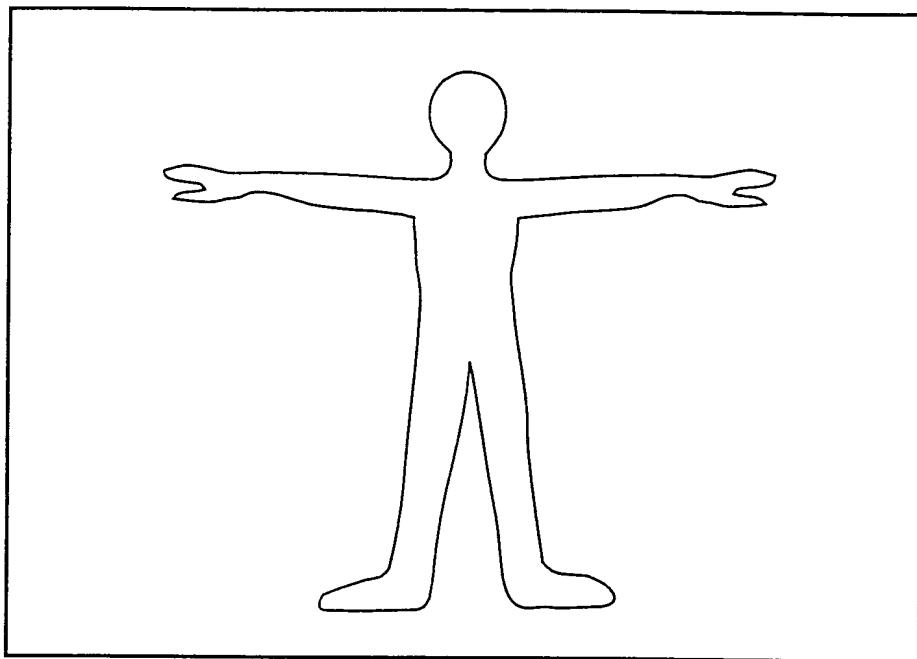
2536

(DIRECTION  $\alpha$ , MAGNITUDE  $\beta$ , SPEED  $\gamma$ )

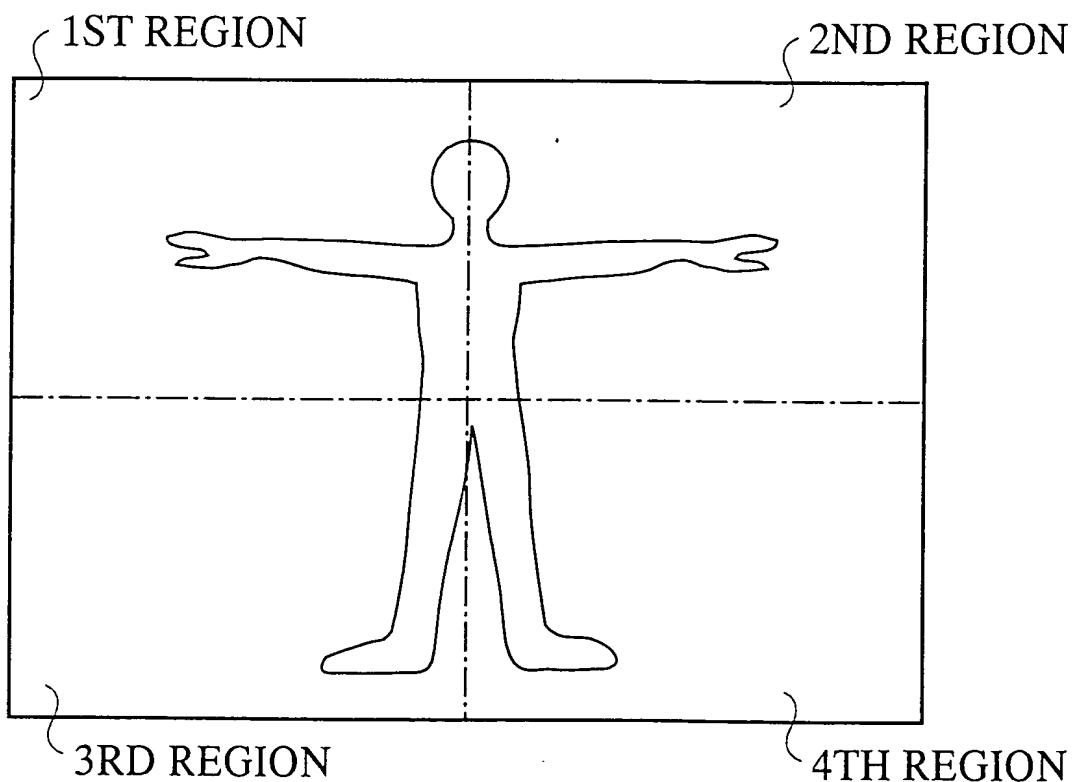
		DECISION REFERENCE DATA		
		t1	t2	t3
DANCE 1	1ST REGION	$(\alpha 11, \beta 11, \gamma 11)$	$(\alpha 12, \beta 12, \gamma 12)$	$(\alpha 13, \beta 13, \gamma 13)$
	2ND REGION	$(\alpha 21, \beta 21, \gamma 21)$	$(\alpha 22, \beta 22, \gamma 22)$	$(\alpha 23, \beta 23, \gamma 23)$
	3RD REGION	$(\alpha 31, \beta 31, \gamma 31)$	$(\alpha 32, \beta 32, \gamma 32)$	$(\alpha 33, \beta 33, \gamma 33)$
	4TH REGION	$(\alpha 41, \beta 41, \gamma 41)$	$(\alpha 42, \beta 42, \gamma 42)$	$(\alpha 43, \beta 43, \gamma 43)$
DANCE 2	1ST REGION	$(\alpha 11', \beta 11', \gamma 11')$	$(\alpha 12', \beta 12', \gamma 12')$	$(\alpha 13', \beta 13', \gamma 13')$
	2ND REGION	$(\alpha 21', \beta 21', \gamma 21')$	$(\alpha 22', \beta 22', \gamma 22')$	$(\alpha 23', \beta 23', \gamma 23')$
	3RD REGION	$(\alpha 31', \beta 31', \gamma 31')$	$(\alpha 32', \beta 32', \gamma 32')$	$(\alpha 33', \beta 33', \gamma 33')$
	4TH REGION	$(\alpha 41', \beta 41', \gamma 41')$	$(\alpha 42', \beta 42', \gamma 42')$	$(\alpha 43', \beta 43', \gamma 43')$

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***FIG.27***



***FIG.28***

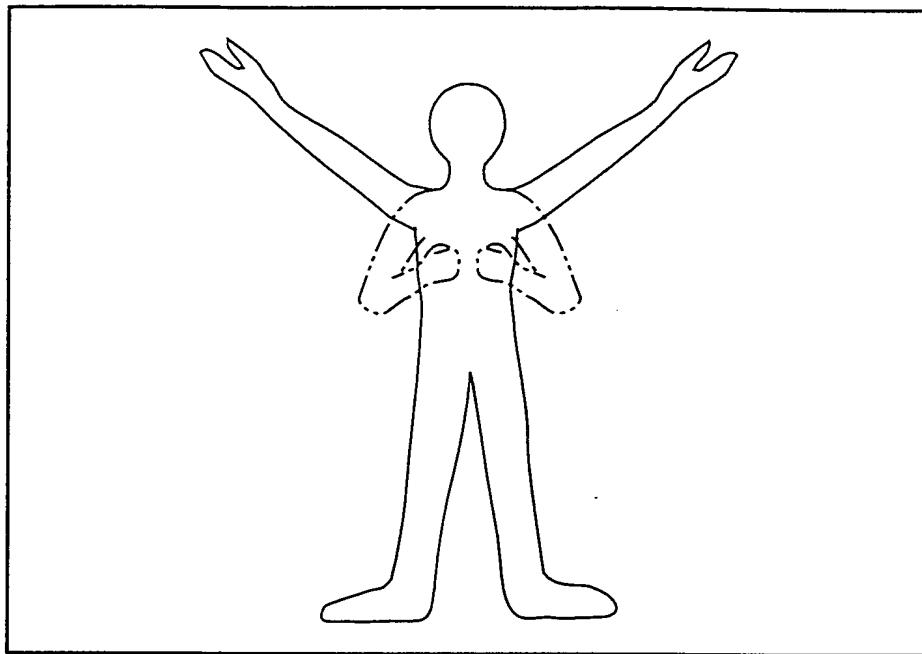


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***FIG.29***

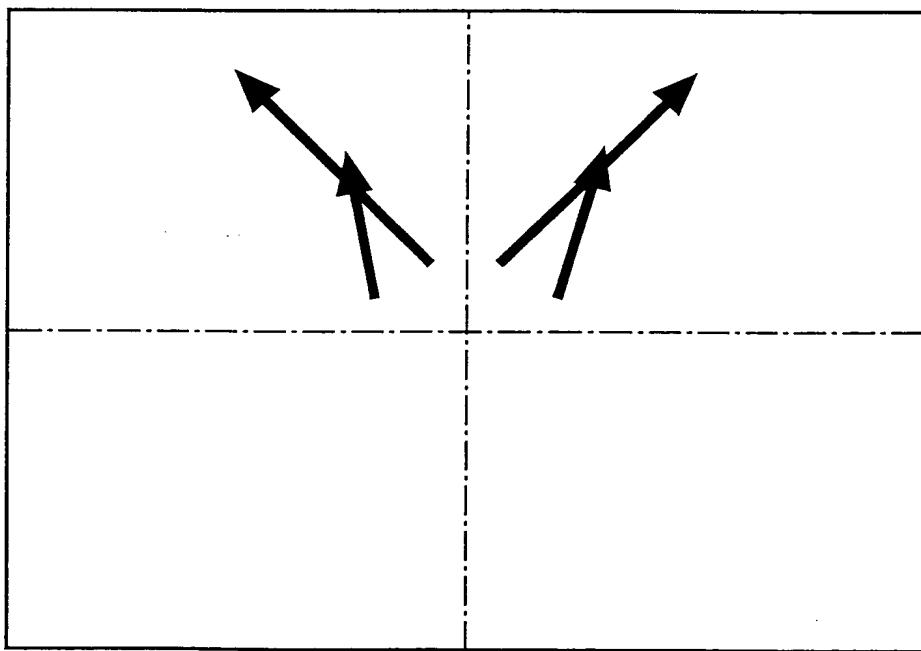
	DIRECTION	MAGNITUDE	SPEED
1ST REGION	$\alpha_1$	$\beta_1$	$\gamma_1$
2ND REGION	$\alpha_2$	$\beta_2$	$\gamma_2$
3RD REGION	$\alpha_3$	$\beta_3$	$\gamma_3$
4TH REGION	$\alpha_4$	$\beta_4$	$\gamma_4$

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***FIG.30A***

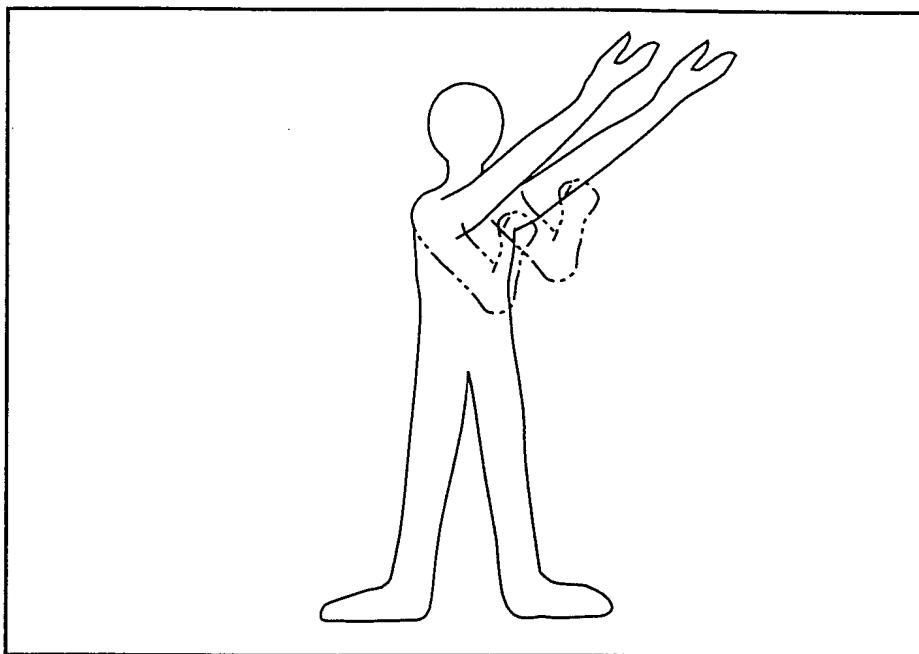


***FIG.30B***

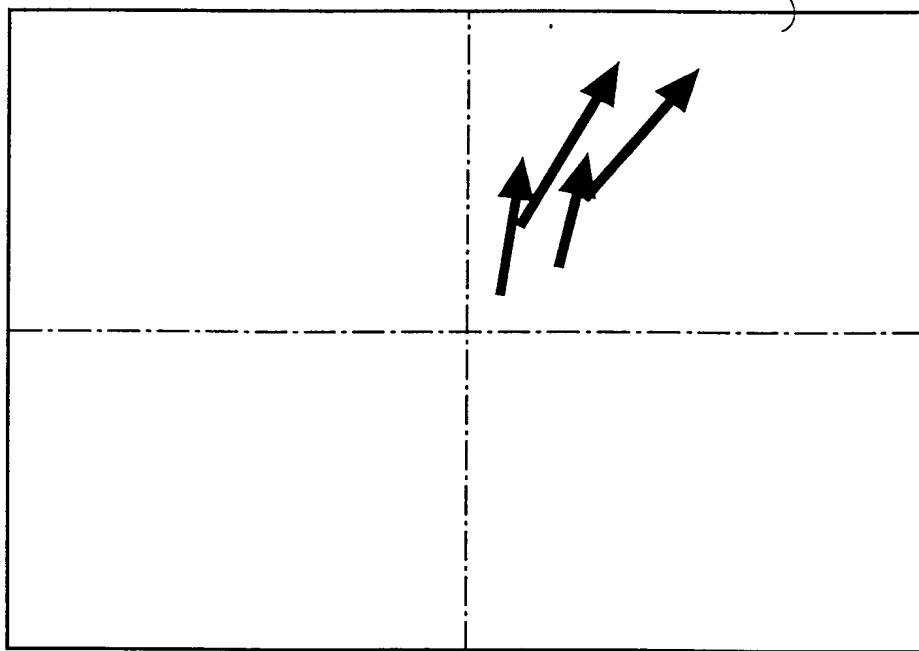


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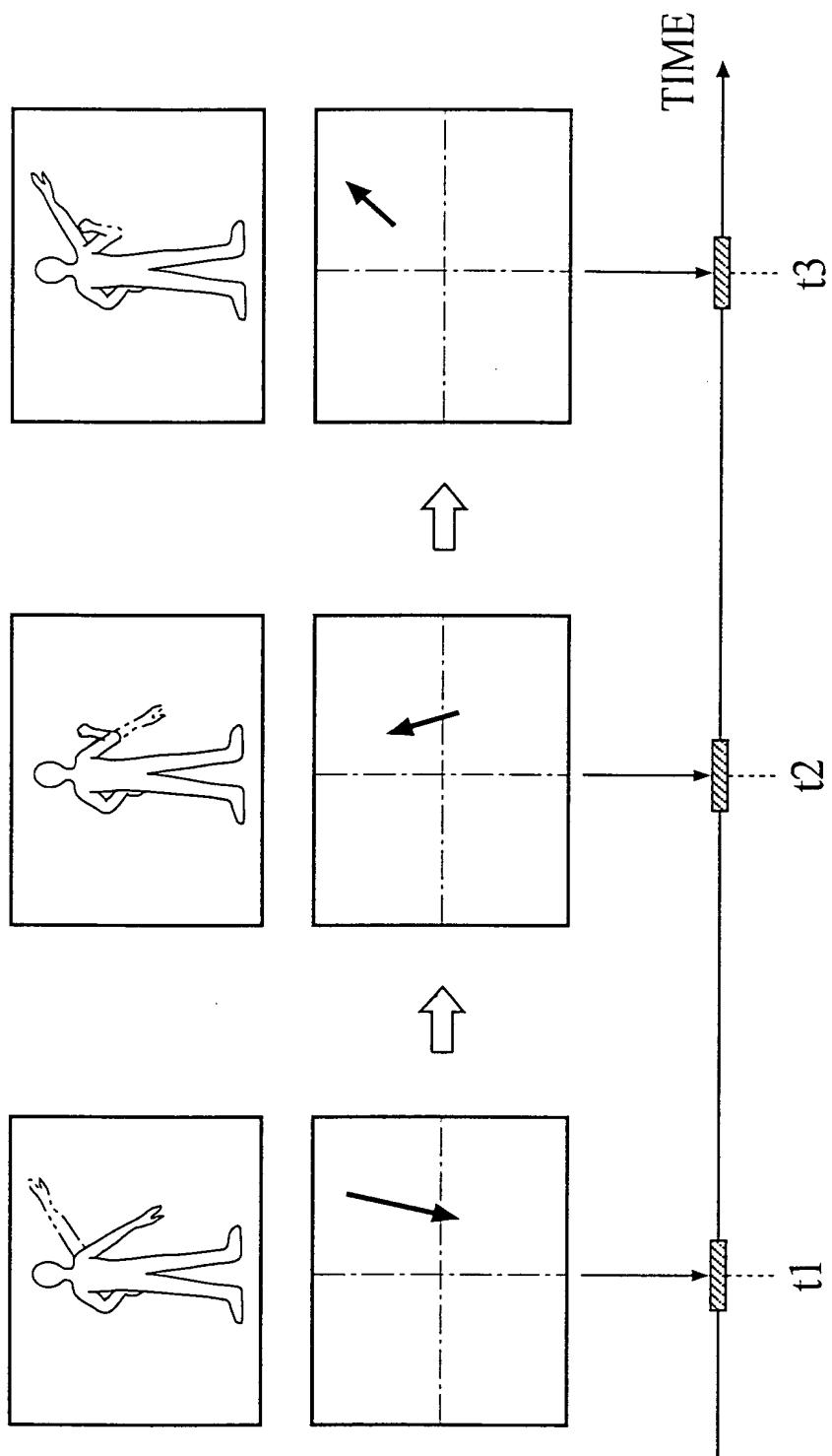
**FIG.31A**



**FIG.31B** } 2ND REGION

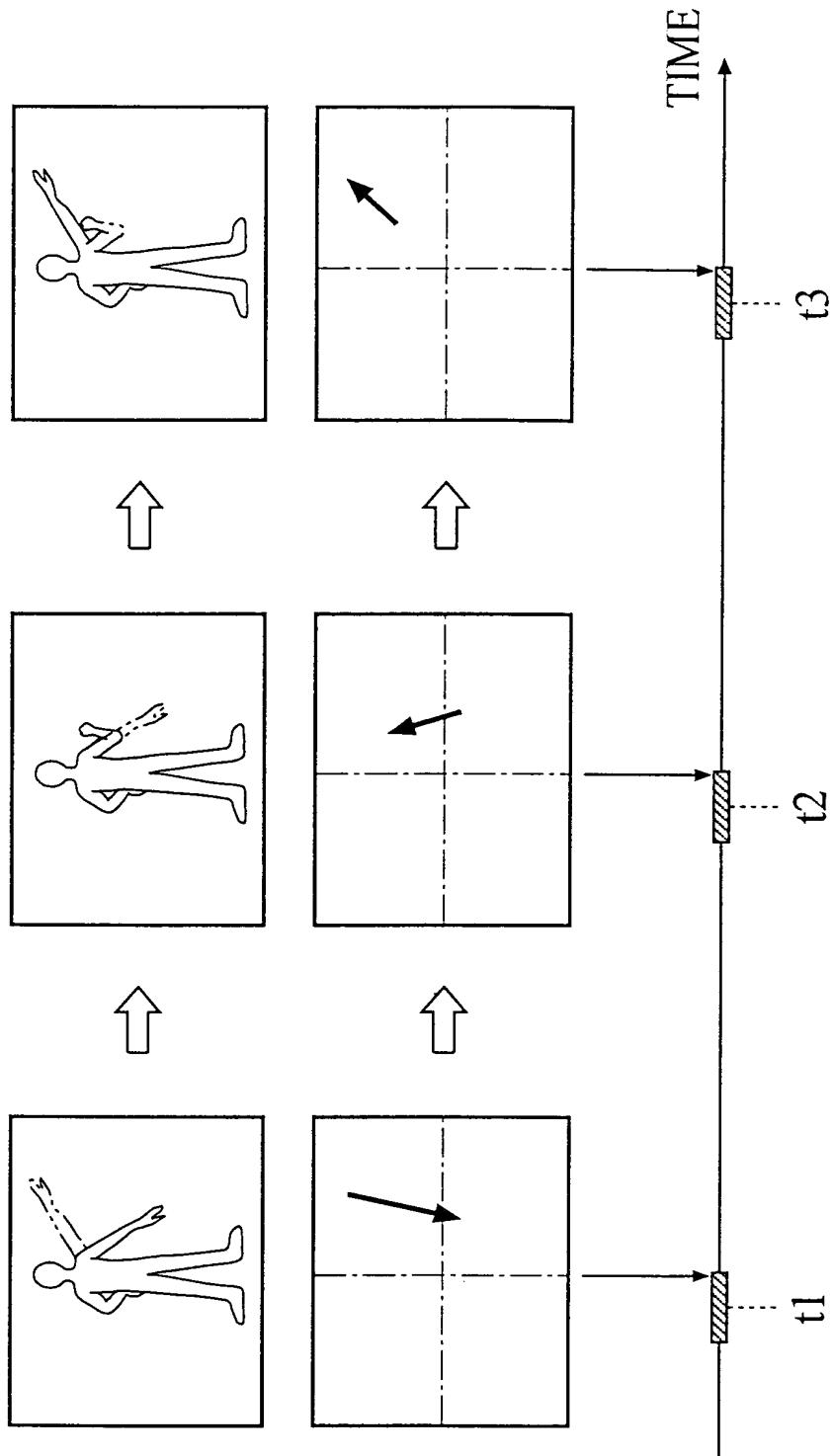


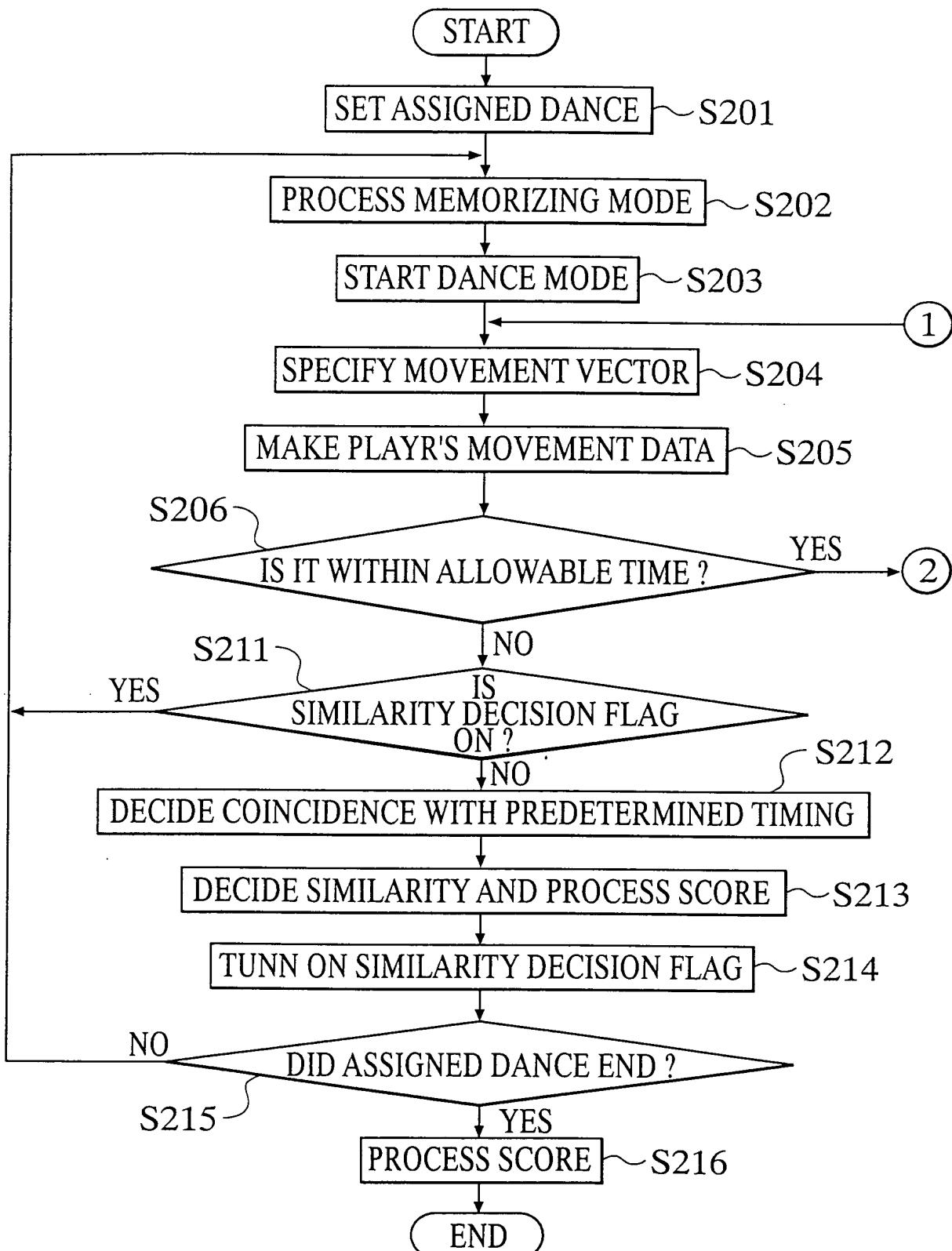
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**FIG.32**



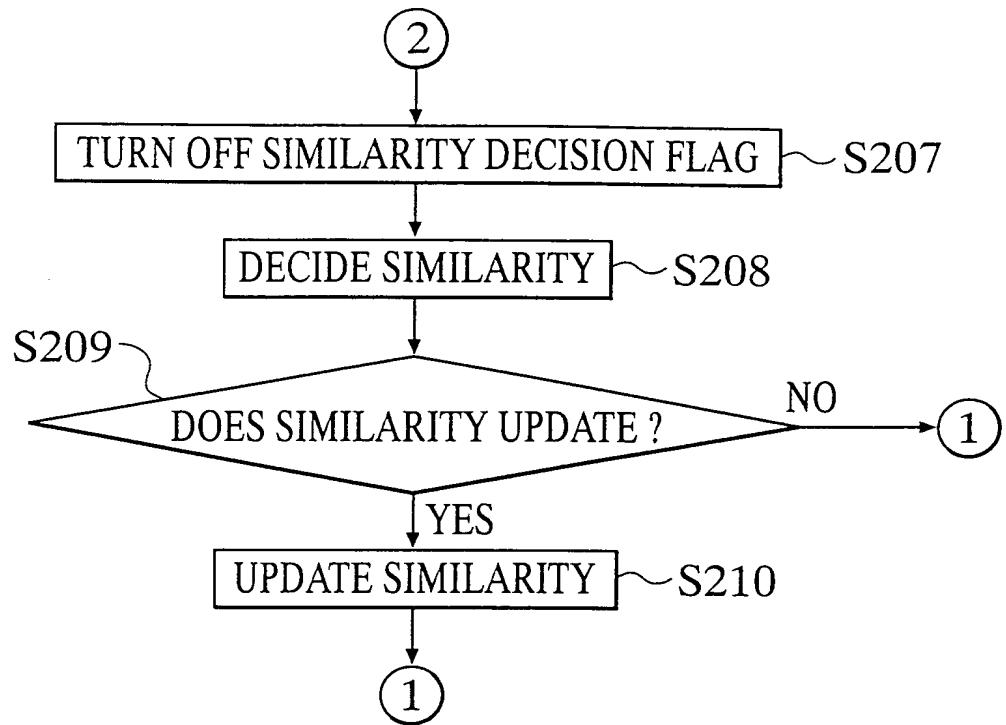
**FIG.33**

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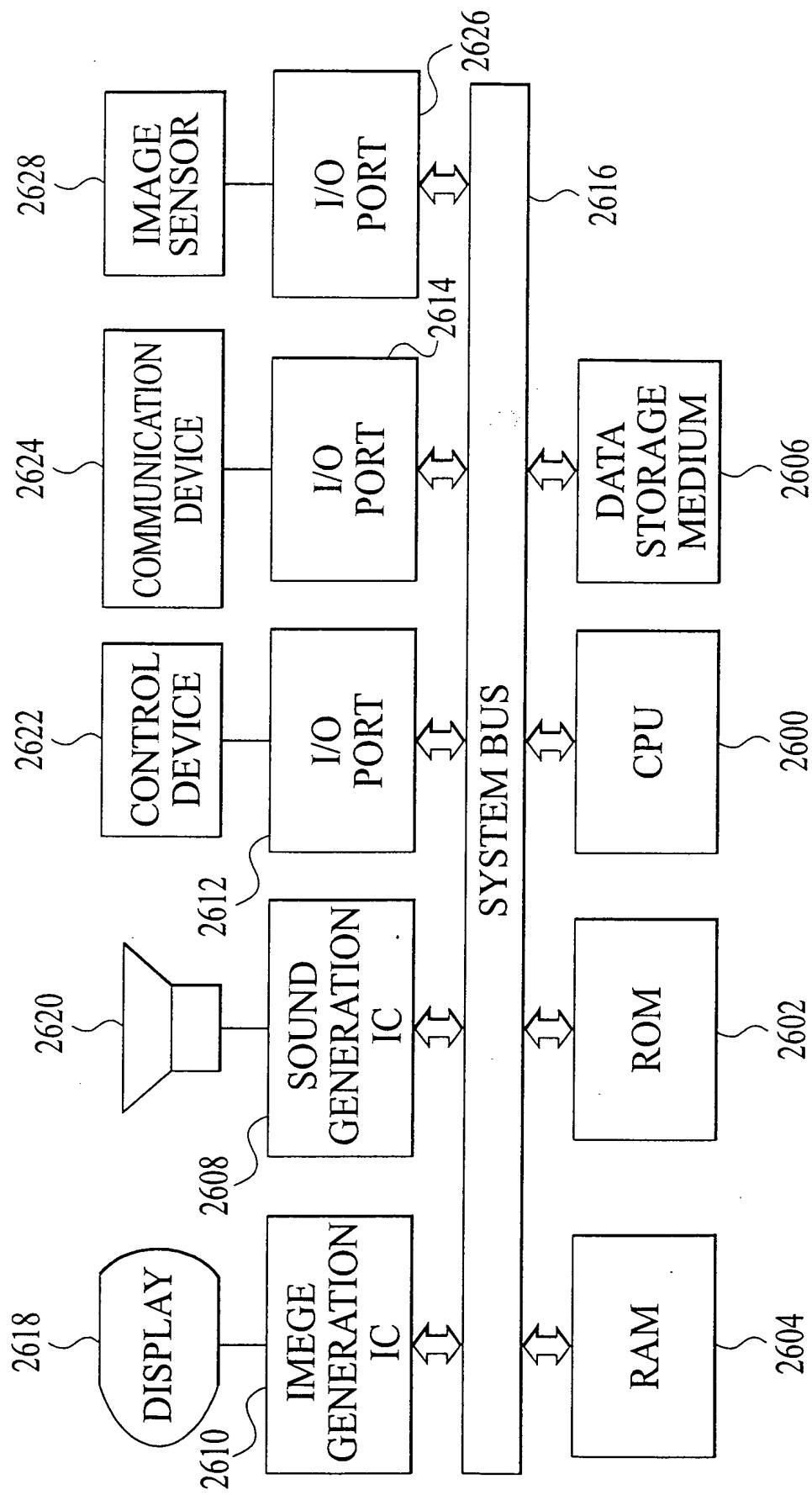
**FIG.34A**

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**FIG.34B**



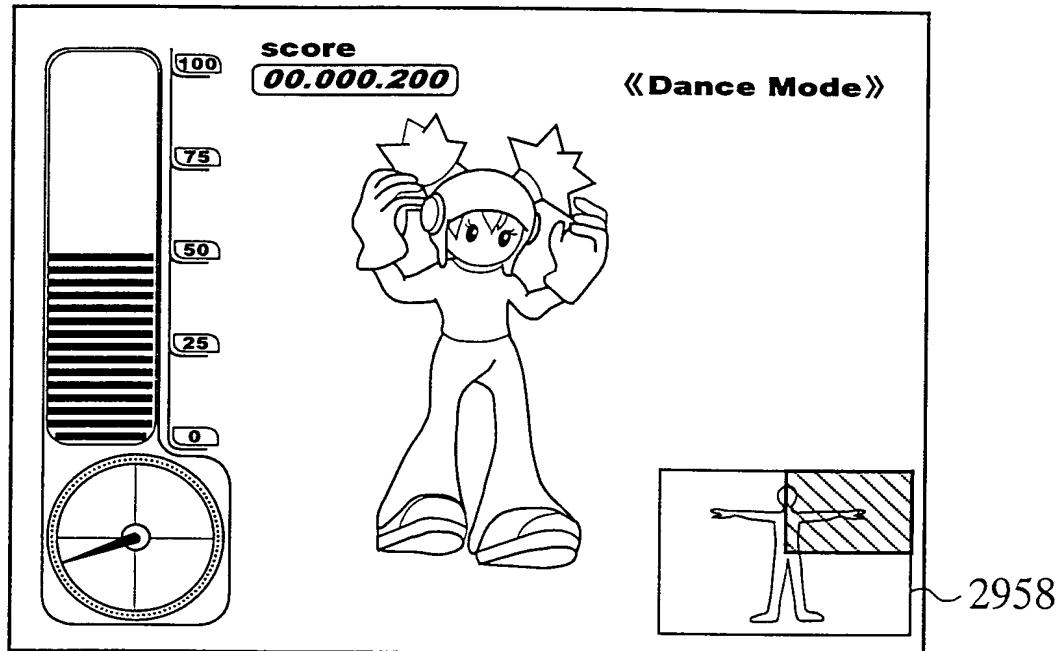
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FIG. 35

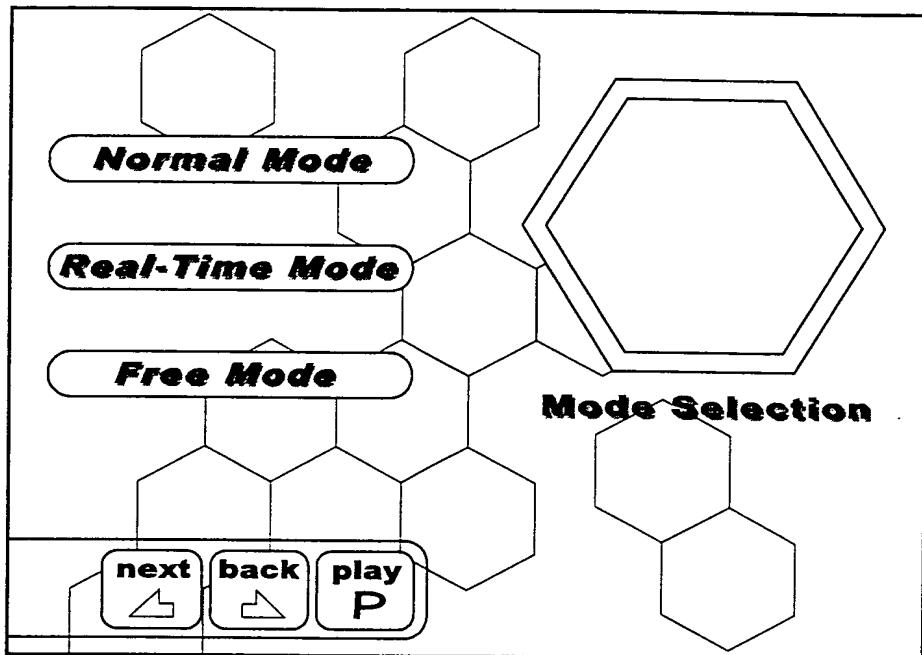


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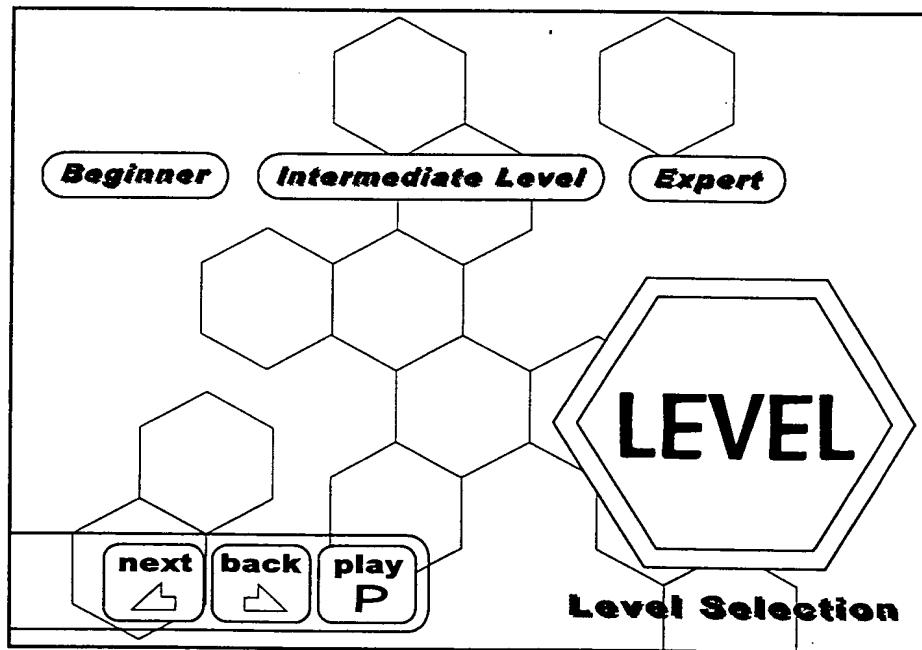
*FIG.36*



*FIG.37*

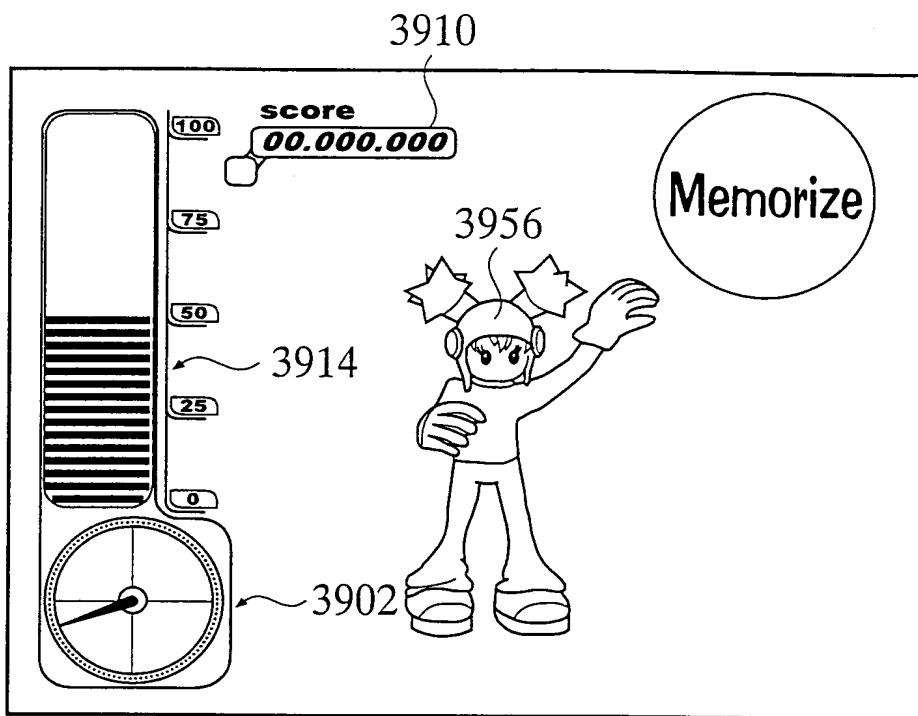


*FIG.38*

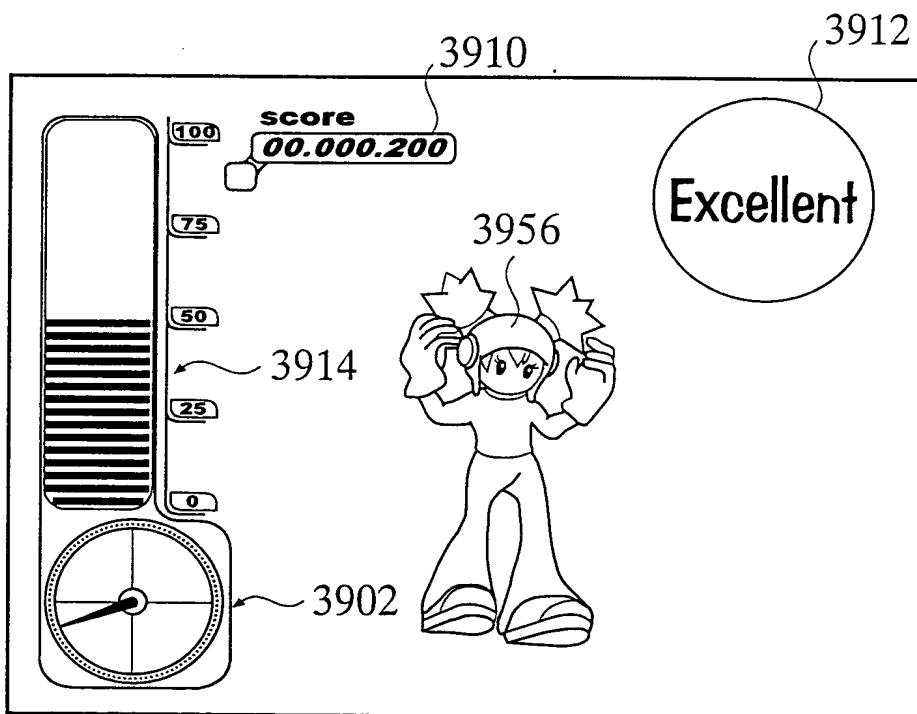


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**FIG.39**

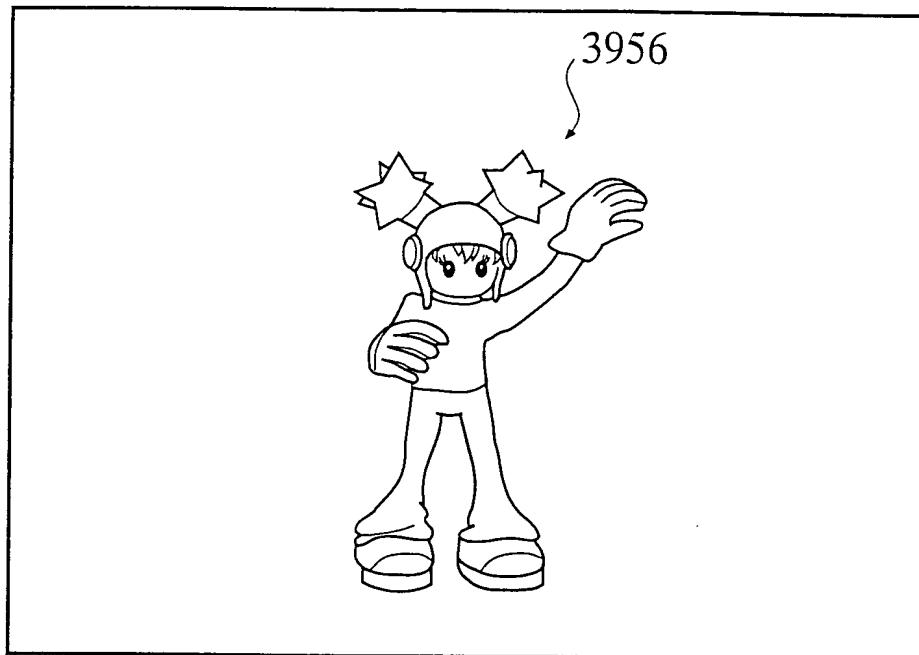


**FIG.40**

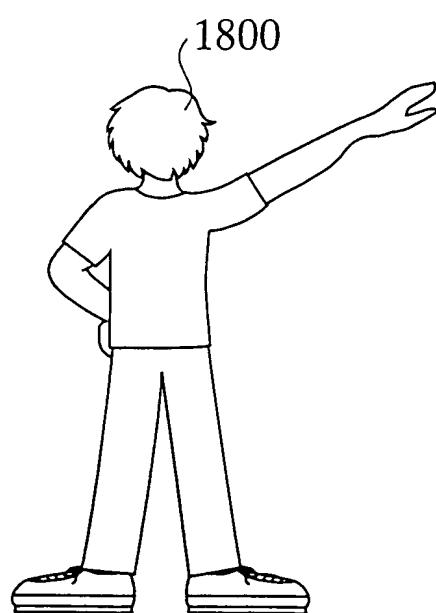


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**FIG.41A**

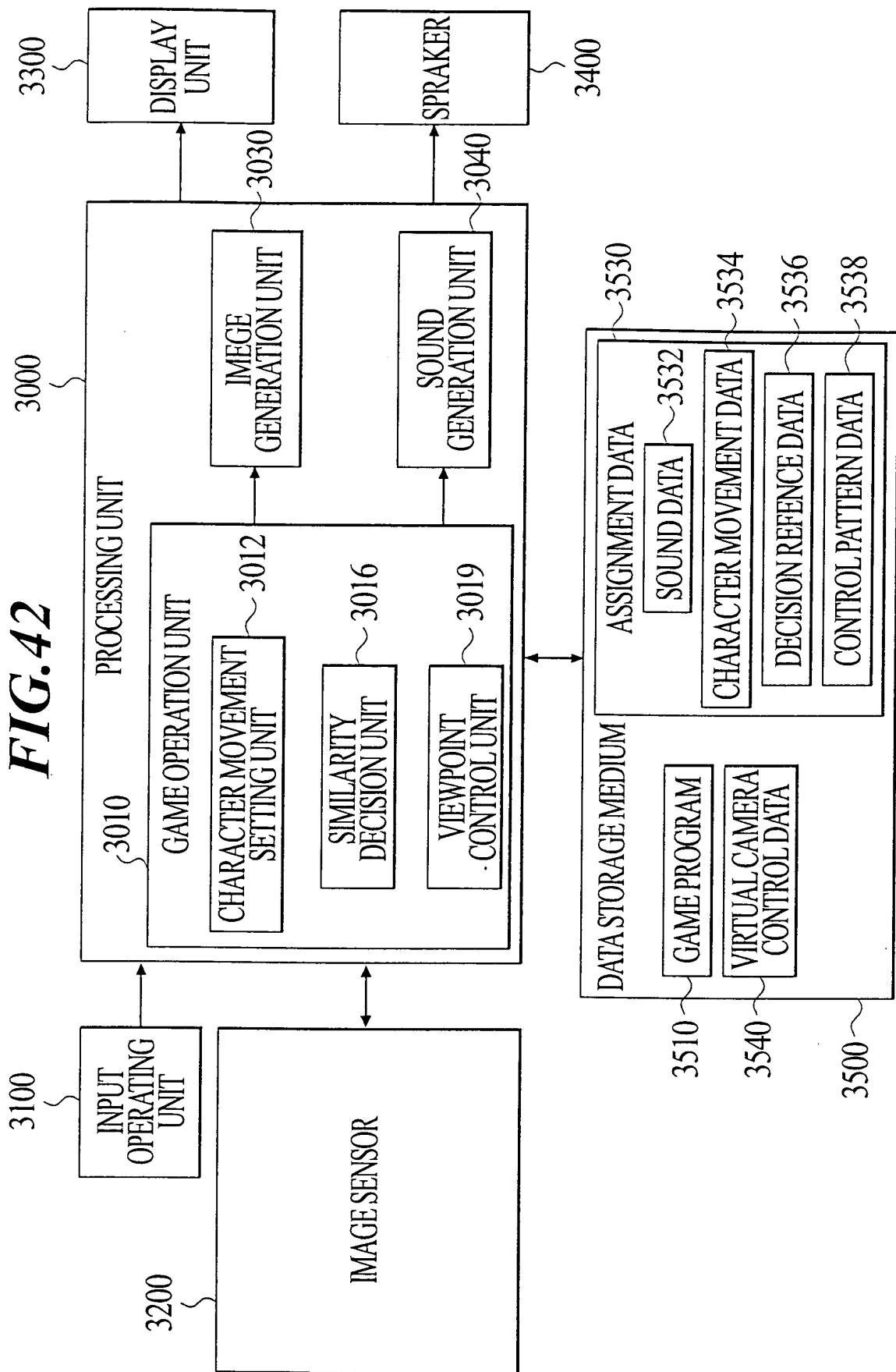


**FIG.41B**



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## FIG. 42



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**FIG.43**

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		BEFORE DANCE		DURING DANCE	
MODE	LEVEL	CHARACTER CONTROL PATTERN	CAMERA CONTROL PATTERN	CHARACTER CONTROL PATTERN	CAMERA CONTROL PATTERN
NORMAL	BEGINNER	A	1	A	1
	INTERMEDIATE	A	1	A	2
	EXPERT	A	1	B	1
REAL-TIME	—	N/A	N/A	A	1
FREE	—	N/A	N/A	B	2

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## FIG.44

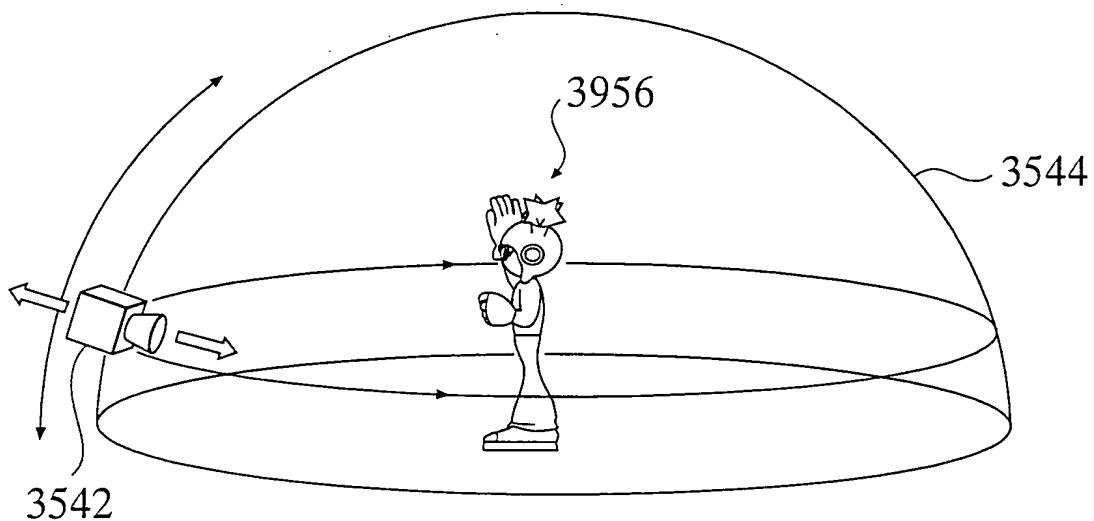
3534

(COORDINATES:X,Y,Z)

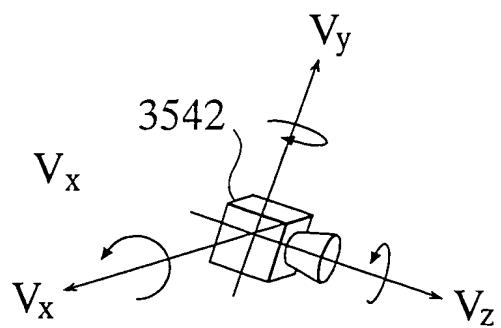
DANCE 1		POSITION DATA		
		FRAME 1	FRAME 2	FRAME 3
A	PART a	(Xa11,Ya11,Za11)	(Xa12,Ya12,Za12)	(Xa13,Ya13,Za13)
	PART b	(Xb11,Yb11,Zb11)	(Xb12,Yb12,Zb12)	(Xb13,Yb13,Zb13)
	PART c	(Xc11,Yc11,Zc11)	(Xc12,Yc12,Zc12)	(Xc13,Yc13,Zc13)
:		:	:	:
B	PART a	(Xa21,Ya21,Za21)	(Xa22,Ya22,Za22)	(Xa23,Ya23,Za23)
	PART b	(Xb21,Yb21,Zb21)	(Xb22,Yb22,Zb22)	(Xb23,Yb23,Zb23)
	PART c	(Xc21,Yc21,Zc21)	(Xc22,Yc22,Zc22)	(Xc23,Yc23,Zc23)
:		:	:	:

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***FIG.45A***



***FIG.45B***



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**FIG. 46**

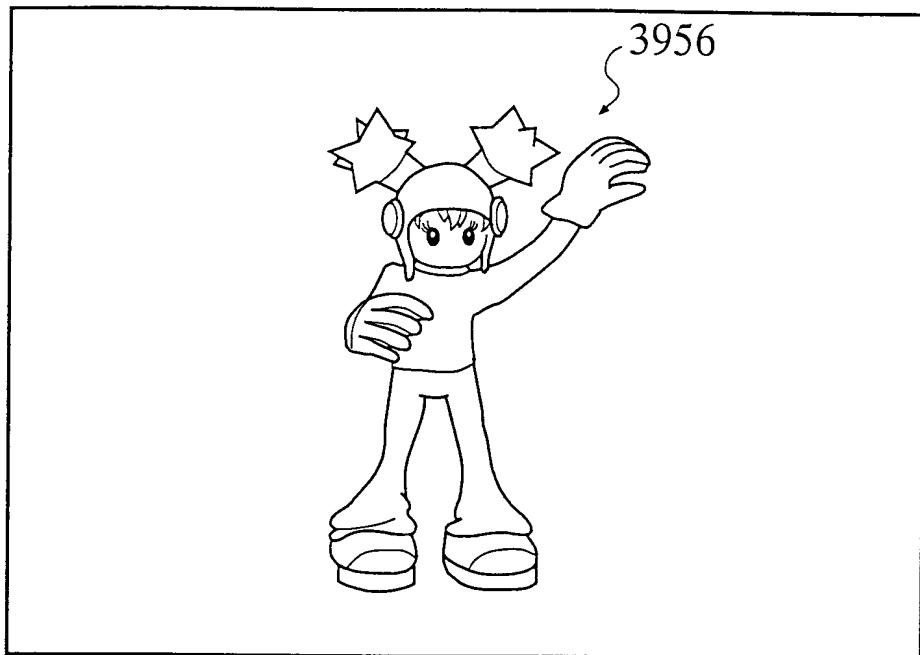
3540



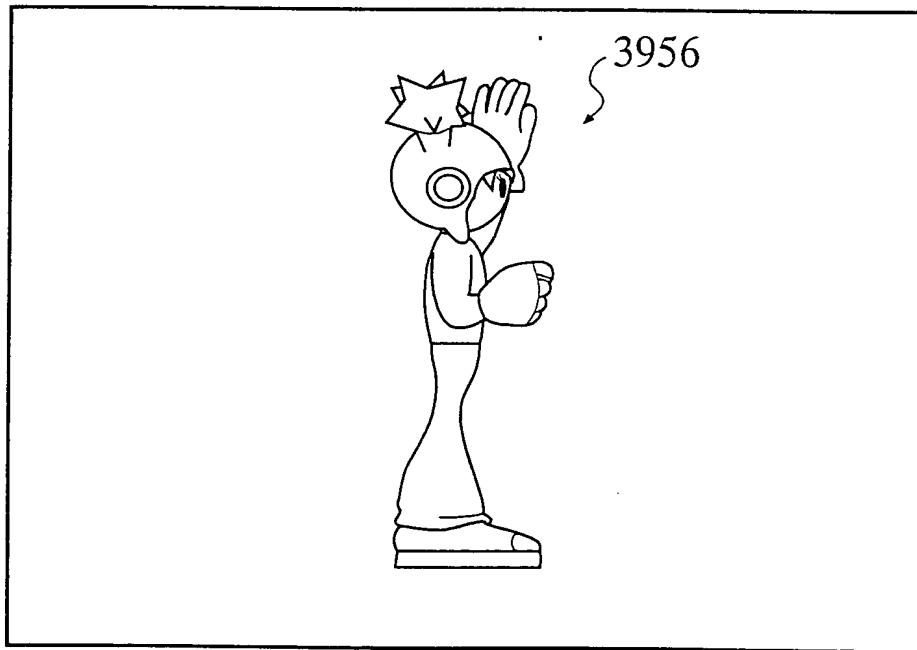
		SET VALUE
CAMERA CONTROL PATTERN 1	POSITION	(Vd11,Vi11,Vk11)
	DIRECTION	(Vx11,Vy11,Vz11)
	ANGLE OF VIEW	Z11
CAMERA CONTROL PATTERN 2	POSITION	(Vd21,Vi21,Vk21)→(Vd22,Vi22,Vk22)→(Vd23,Vi23,Vk23)→(Vd24,Vi24,Vk24)
	DIRECTION	(Vx21,Vy21,Vz21)
	ANGLE OF VIEW	Z21

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***FIG.47***

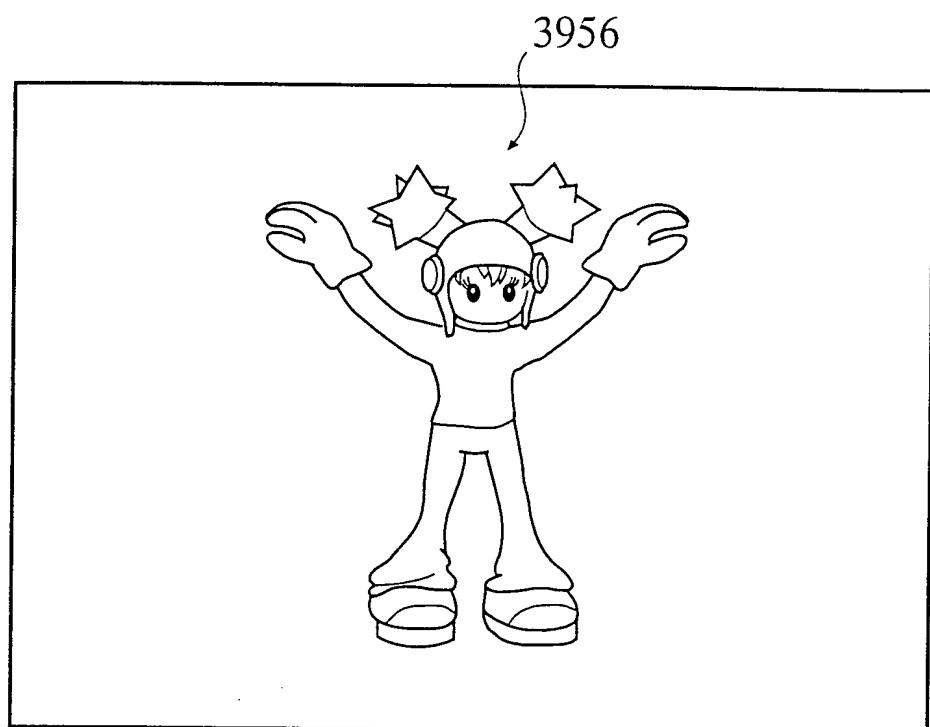


***FIG48***



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***FIG.49***



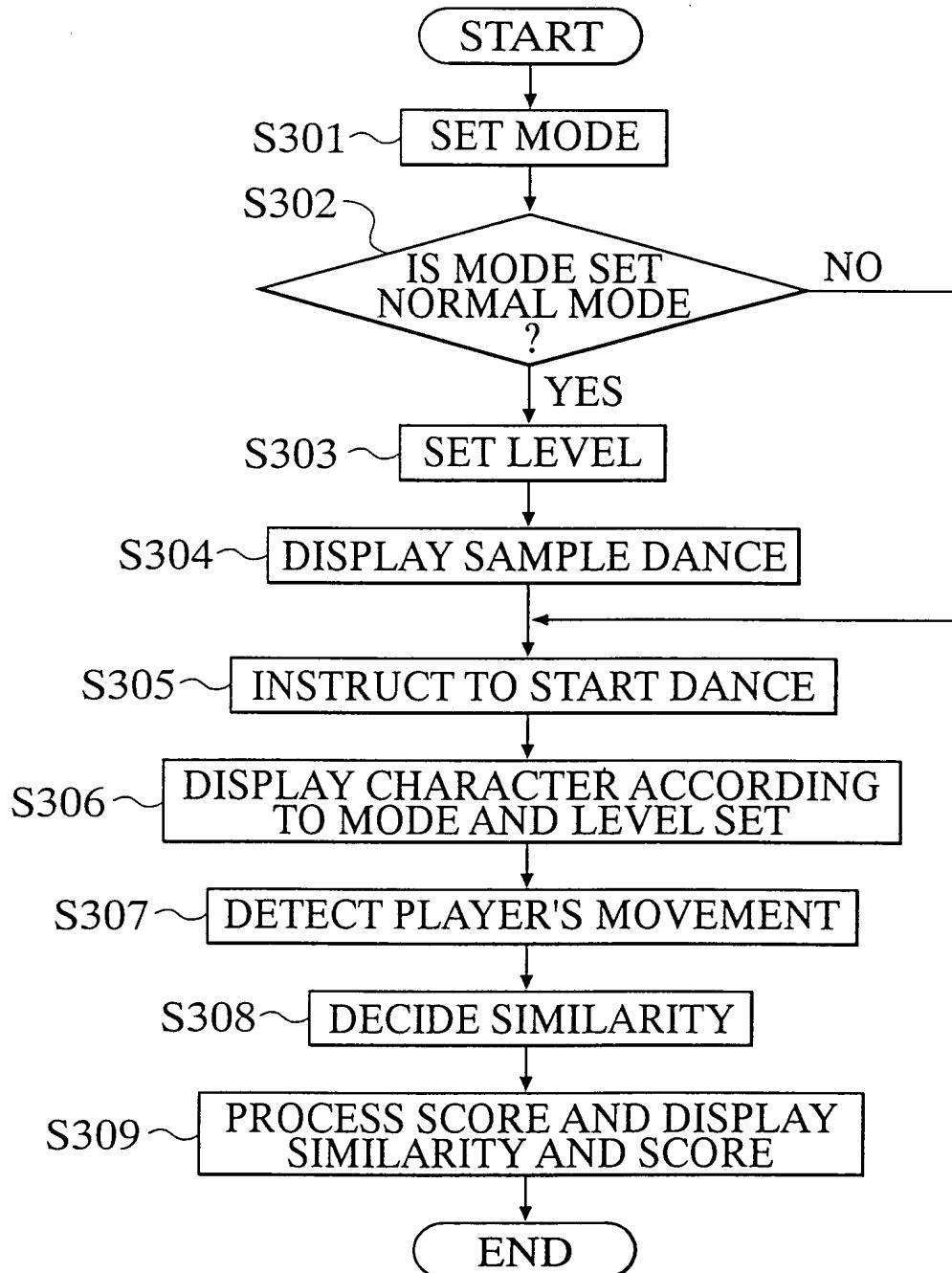
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## FIG.50

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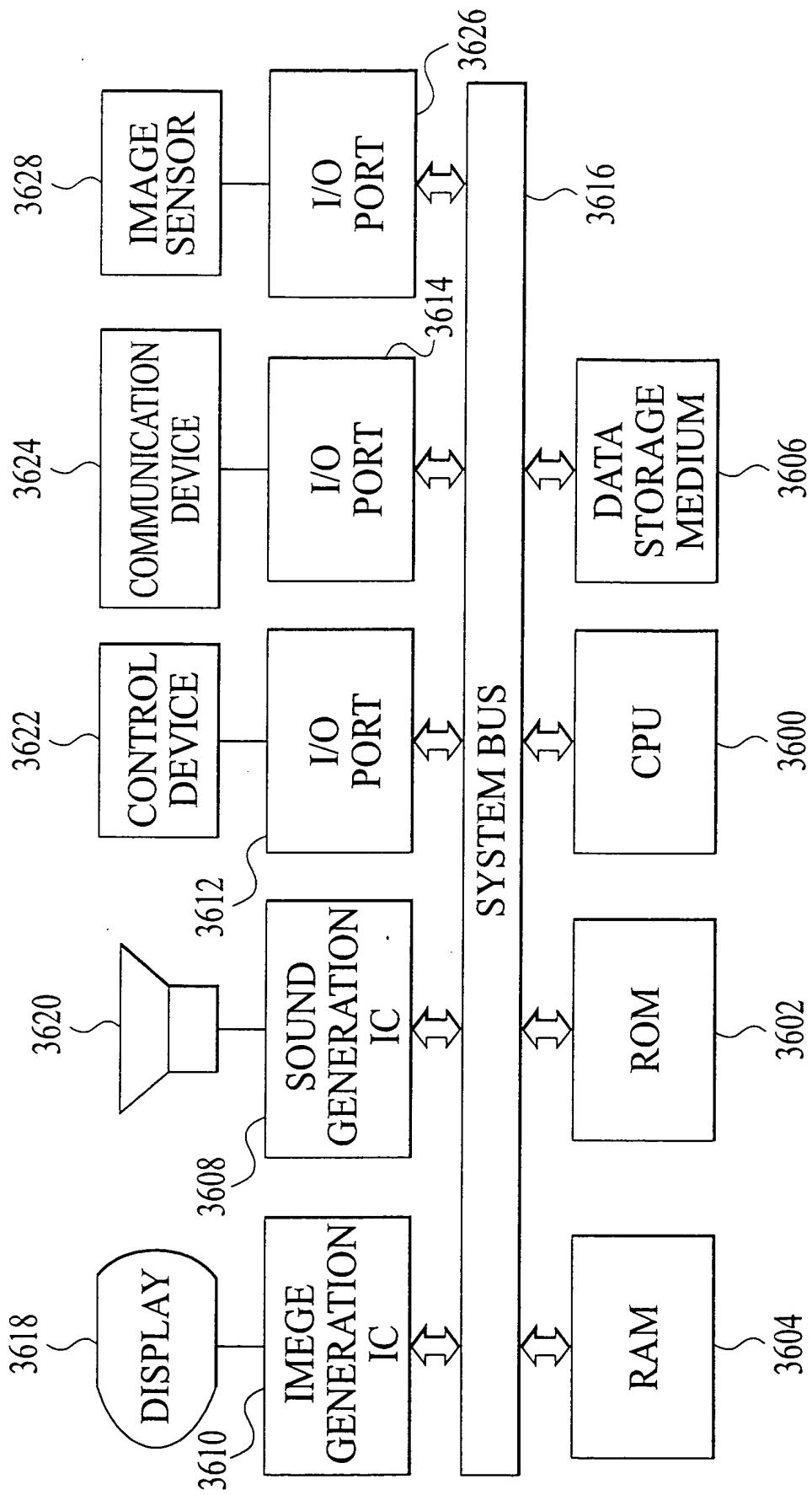
(DIRECTION  $\alpha$ , MAGNITUDE  $\beta$ , SPEED  $\gamma$ )

DECISION REFERENCE DATA			
	t1	t2	t3
DANCE 1	$(\alpha_{11}, \beta_{11}, \gamma_{11})$	$(\alpha_{12}, \beta_{12}, \gamma_{12})$	$(\alpha_{13}, \beta_{13}, \gamma_{13})$
DANCE 2	$(\alpha_{11'}, \beta_{11'}, \gamma_{11'})$	$(\alpha_{12'}, \beta_{12'}, \gamma_{12'})$	$(\alpha_{13'}, \beta_{13'}, \gamma_{13'})$

***FIG.51***

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**FIG.52**



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**FIG.53**

